



## ICF TECHNOLOGY INCORPORATED

To: Ed Sierra, Region VI RPO  
Thru: K.H. Malone Jr., FITOM *KHM*  
Thru: Tim Hall, ICF AFITOM *HS* *TAH*  
From: Heather Schijf, FIT Biologist  
Date: January 10, 1989

9831264



Subject: Sampling results for samples collected from the Community of Silver Lake municipal wells located near the Air Center Inc. site. TDD # F-6-8810-10, CERCLIS # OKD980750319, E&E Pan # FOK0270SDF.

The Air Center site is an inactive, abandoned aircraft renovation and paint stripping facility, that ceased operations in March of 1984. Waste generated from the stripping process was allowed to discharge into an unlined lagoon that drained into a drainage ditch, which in turn flowed into a residential pond. Also present on site are two underground storage tanks which were used to hold stripped paint sludge. At closure, the unlined lagoon was filled in and the underground storage tanks pumped dry. Currently, the site is leased by Commander Aircraft for use as paint hangars.

Past sediment sampling by the Oklahoma Water Resources Board and by the Oklahoma Department of Health indicated elevated levels (above background) of cyanide, lead, chromium, phenol and zinc. Further sampling by the EPA-FIT in January of 1988 indicated the presence of phenol and cyanide in both on-site and off-site soil and water samples, and elevated levels of lead in the City of Bethany drinking water wells. Resampling of the Bethany wells indicated low levels of lead in only one of the city wells.

On November 7, 1988, as a result of a citizens complaint, FIT team members, Heather Schijf (team leader), and Chriss Pitre (site safety officer) collected samples from municipal wells which provide drinking water to the Community of Silver Lake. The Community of Silver Lake is located approximately 2.1 miles northeast of the Air Center site. A copy of the USGS map is attached. The Silver Lake water system has two wells (labeled north well and south well) and a water tower which serves a total of 85 families or approximately 323 people. According to the State Health Department, the well water

Reviewed by *SH-ES*  
Date \_\_\_\_\_

PRELIMINARY REPORT  
This does not constitute  
final opinion of EPA

contains naturally high levels of arsenic, chromium, and selenium. In order to lower the elevated levels of contaminants, the well water is mixed with 20% treated Oklahoma City water (see Attachment A). The treated city water is transported to the water tower via pipes and then mixed with the untreated well water. The wells are sampled every three years by the State Health Department (see Attachment B for copies of the past analysis performed by the State). According to the well operator, the north well produces softer water than the south well. The November 1988 sample results confirm this. Furthermore, the US Geological Survey Water Resources Division in Oklahoma City is currently conducting an extensive study of the Garber-Wellington Aquifer (see Attachment C for analysis of samples collected by the USGS). While published results of the study are not yet available, preliminary analysis of other municipal wells drawing from the Garber-Wellington indicate that elevated levels of naturally occurring trace elements is a common problem in central Oklahoma (see Attachment D). These trace elements include arsenic, chromium, and selenium. The well log for the Silver Lake wells indicates that layers of shale are interspersed throughout the depth of the well (see Attachment E).

The wells are located in the Community of Silver Lake on Harbor Drive (see Attachment F). Sample 1 was collected from the north well, Samples 2 and 2d were collected from the south well, and Sample 3 was the trip blank of deionized water collected at the E&E warehouse located in Dallas, TX. Sample 2d is a duplicate of sample 2. Samples 1, 2, and 2d were collected from taps at the well head directly into sample bottles. Sample 3 was also collected directly into sample bottles. All four samples were shipped to the EPA Houston Laboratory for full RAS analysis, on November 7, 1988, via Federal Express. Copies of the chain of custody and receipt for samples are attached as Attachment G. Table 1 indicates field measurements taken at the time of sample collection. Table 2 indicates contaminant levels and Primary Drinking Water Standards (see Attachment H for a complete copy of the sample results).

Table 1

Field Measurements


<u>Sample</u>	<u>Well</u>	<u>pH</u>	<u>Cond.</u>	<u>Temp.</u>
1	North	7.67	390 umhos/cm	20°C
2	South	7.04	800 umhos/cm	17°C
2d	South (dup)	"	"	"
3	Trip blank	N/A	N/A	N/A

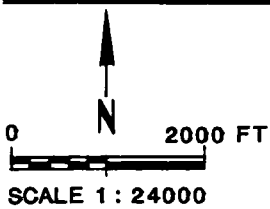
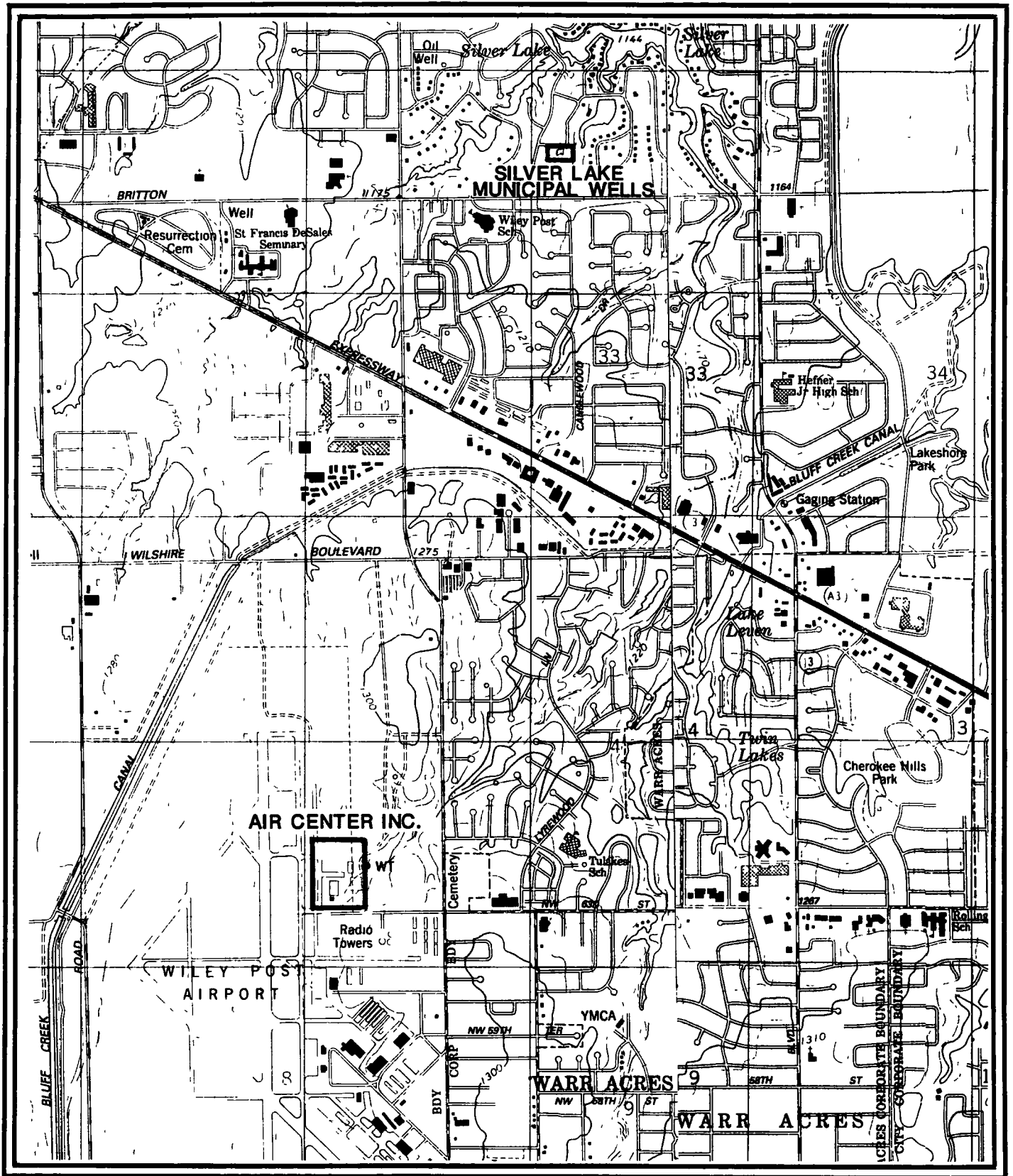
Table 2

	<u>DW</u> <u>Stand.</u>	<u>North</u> <u>Well</u>	<u>South</u> <u>Well</u>	<u>South</u> <u>Well (dup)</u>	<u>Trip</u> <u>Blank</u>
Arsenic	50*	51.8	16.1	16.1	ND**
Chromium	50	57	60	53	ND
Selenium	10	11.7	48.9	50.5	ND

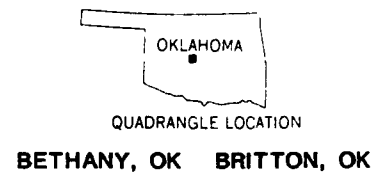
\* all concentrations in ppb

\*\* ND = not detected

Inorganic analysis of the November 1988 samples indicates the presence of arsenic, chromium, and selenium at levels above the Primary Drinking Water Standards. The organic analysis did not indicate contaminant levels above the detection limit. Chromium is the only contaminant detected that could be remotely attributable to the Air Center site. This reasoning is based on the detection of chromium in samples collected on the Air Center property. Arsenic and selenium were not detected in on-site samples. However due to the depth of the wells and the distance between the Silver Lake wells and the Air Center site, it is unlikely that contamination from Air Center could be affecting the Silver Lake wells. Furthermore, the State Health Department is aware of the Silver Lake situation and monitors the distributed water on a regular basis. In addition, a human health hazard does not currently exist for the residents of Silver Lake as the well water is diluted with city water to levels that fall below the Primary Drinking Water Standards. Based on this information, FIT recommends no further Superfund action for the Silver Lake wells. 



Site Location Map  
**AIR CENTER INCORPORATED**  
 OKLAHOMA CITY, OK  
 TDD NO. F-6-8810-10  
 CERCLIS NO. OKD980750319



## RESIDENTIAL WELL SAMPLING INFORMATION

1. Name, address and phone number of resident (include county and zip code)

North Silver Lake Community Well

Contact person: Jim Hicks-Superintendent of Property for Silver Lake, Inc

9901 Harbor Dr.: Oklahoma City, OK 73162

405-721-5036

2. Date well was dug 1940

3. Depth of well 600'

4. Depth to static water 207' when not pumping; 300' during pumping, draw down

5. Is the well cased? Yes XXXX No            Unknown

If so, to what depth? 600'

What type of casing is used? The casing is 5" in diameter with perforations from 560'-590'. The kind of casing is unknown. The operator thinks the casing is galvanized steel.

6. Is well screened? Yes XXXX No            Unknown

7. How much is the well pumped? (Only for residential use or for use in watering livestock?) The well is pumped approximately 5 hrs/day. The pump is automatic and runs as needed. The pump pumps 4,800 gal/hr.

8. Any other pertinent information? The north well has softer water than the south well. 85 families are served by the water system. The well water from both the north and south wells is mixed with 20% Oklahoma City water to dilute elevated levels of chromium and selenium that naturally occur in the groundwater.

## RESIDENTIAL WELL SAMPLING INFORMATION

1. Name, address and phone number of resident (include county and zip code)

South Silver Lake Community Well

Contact person: Jim Hicks - Supt. of Property for Silver Lake, Inc.

9901 Harbor Dr.

Oklahoma City, Oklahoma 73162

405-721-5036

2. Date well was dug 1950

3. Depth of well 635 feet

4. Depth to static water 207 feet when not pumping; 300 feet during  
pumping, draw down

5. Is the well cased? Yes XXX No            Unknown

If so, to what depth? 635 feet

What type of casing is used? 8 5/8" of galvanized steel to 418 feet;  
7-inch cement liner with perforations from 418 feet to 635 feet.

6. Is well screened? Yes xxx No            Unknown

7. How much is the well pumped? (Only for residential use or for use in  
watering livestock?) The well is pumped approximately 5 hrs/day. The  
pump is automatic and runs as needed. The pump pumps 4,800 gal/hr.

8. Any other pertinent information? 85 families are served by the water  
system. The well water from both north and south wells is mixed with  
20% Oklahoma City water to dilute elevated levels of chromium and  
selenium that naturally occur in the groundwater.

**Attachment A**

**Past History of Silver Lake Municipal Wells**

**RECORD OF  
COMMUNICATION**

☒ XXX

Phone Call

☐

Discussion

☐

Field  
Trip

☐

Conference

☐

Other (Specify)

TO: Heather Schijf

ICF Technology  
FIT Biologist  
214-744-1641

FROM: Mike Harrell

Public Water Supply  
OK State Dept. of Health  
405-271-7370

DATE: 11-1-88

TIME: 3:10 pm

**SUBJECT: Past History of Silver Lake Municipal Wells**

**SUMMARY OF COMMUNICATION:**

Mr. Harrell called to inform me of the past history of the Silver Lake Municipal Wells. He said that the wells give water that contain naturally occurring arsenic, selenium, chromium, and zinc. In 1982, sampling results indicated the following: Arsenic - 58 ppb, Selenium - 86 ppb, Chromium - 43 ppb, and Zinc - 151 ppb. These samples were from well water only. In the mid-1980's the Silver Lake Water System began buying treated water from Oklahoma City, which they blend with their well water. This is blended in storage tanks. This blending is done to bring the water to levels within the drinking water standards. Mr. Harrell also said that samples are collected every three years. Since the blending of the water, the samples are collected from the distribution port after mixing. I asked Mr. Harrell if there were separate taps on each well for sampling and he said to his knowledge there were. Mr. Harrell suggested that I contact the State Environmental Laboratory for past sampling results. Contacts: Judy Duncan - Chief, or Rocky McElvaney - Assistant Chief. 405-271-5240.

**CONCLUSIONS, ACTION TAKEN OR REQUIRED:**

**INFORMATION COPIES TO:**

EPA FORM 1300-6 (7-72)

Replaces EPA HQ Form 5300-3 Which May Be Used Until Supply is Exhausted.



**RECORD OF  
COMMUNICATION**

☒ XXX

Phone Call

☐

Discussion

☐

Field  
Trip

☐

Conference

☐

Other (Specify)

*Heather Schiff*  
TO: Heather Schiff

ICF Technology  
FIT Biologist  
214-744-1641

FROM: Mike Harrell

Public Water Supply  
OK State Dept. of Health  
405-271-7370

DATE: 11-1-88

TIME: 9:05 am

SUBJECT: Sampling of Silver Lake Municipal Wells

**SUMMARY OF COMMUNICATION:**

Mr. Harrell returned my call. I informed Mr. Harrell that we would be sampling the Silver Lake Municipal Wells on 11-7-88 and invited him to come along. He said that he was familiar with the resident who had placed the complaint. He said that the Silver Lake Wells were 600 to 700 feet deep and were draining from the Garber-Wellington Aquifer. Mr. Harrell was familiar with the Air Center Site and did not think it could be influencing the Silver Lake Wells. He said that he would contact the County Health Department to see if they would like to accompany FIT in the sampling. Mr. Harrell said that the County Health Department would call FIT if they would like to accompany FIT.

**CONCLUSIONS, ACTION TAKEN OR REQUIRED:**

**INFORMATION COPIES TO:**

EPA FORM 1300-6 (7-72)

Replaces EPA HQ Form 5300-3 Which May Be Used Until Supply is Exhausted.

**Attachment B**

**Past Analytical Results  
of samples collected from the  
Silver Lake Wells  
by the  
Oklahoma Department of Health**

**OKLAHOMA STATE DEPARTMENT OF HEALTH**  
**STATE WATER QUALITY LABORATORY**  
**WATER ANALYSIS REPORT**

COPY  
LOCATION NAME- 6208 SOUTH SHORE DRIVE  
LOCATION CODE- 001  
SAMPLE TYPE- C  
PUBLIC WATER SUPPLY SAMPLE

**CONCENTRATION IN SAMPLE**

[illegible]

**SEE REVERSE SIDE FOR WATER QUALITY REPORT SIGNIFICANCE**

CITY	REMARK	CODE	EXPLANATIONS
	* EXCEEDS PWS STANDARDS		

## LEGAL

/ 4 / 4 / 4 SEC T R M

**SAMPLER'S  
COMMENTS**

ANALYST'S  
COMMENTS

Q. b

OKLAHOMA STATE DEPARTMENT OF HEALTH  
STATE WATER QUALITY LABORATORY  
WATER ANALYSIS REPORT

COPY  
LOCATION NAME- SOUTH WELL, OKLAHOMA CO  
LOCATION CODE- 001  
SAMPLE TYPE- C  
PUBLIC WATER SUPPLY SAMPLE

CONCENTRATION IN SAMPLE

[illegible]

SEE REVERSE SIDE FOR WATER QUALITY REPORT SIGNIFICANCE

SOURCE SILVERLAKE WATER ASS  
PROGRAM PWS RESAMPLES  
COUNTY

CITY	REMARK	CODE	EXPLANATIONS
	*	EXCEEDS	PWS STANDARDS

## LEGAL

/ 4 / 4 / 4 SEC T R M

SAMPLER S	COMMENTS
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ANALYST'S  
COMMENTS

mo

**OKLAHOMA STATE DEPARTMENT OF HEALTH  
STATE WATER QUALITY LABORATORY  
WATER ANALYSIS REPORT**

LOCATION NAME- NORTH WELL, OKLAHOMA CO  
LOCATION CODE- 001  
SAMPLE TYPE- C  
PUBLIC WATER SUPPLY SAMPLE

[illegible]

SOURCE SILVERLAKE WATER ASS  
PROGRAM PWS RESAMPLES  
COUNTY

CITY	REMARK	CODE	EXPLANATIONS
	*	EXCEEDS	PWS STANDARDS

**LEGAL**

/ 4 / 4 / 4 SEC T R M

ANALYST'S  
COMMENTS

OHD FORM NO 814 (8-77)

**REQUISITIONER COPY**

ANALYST

the

120753 00000  
05/07/85 TIME 10:05  
05/08/85  
05/23/85  
PWF 2005511  
BES

OKLAHOMA STATE DEPARTMENT OF HEALTH  
STATE WATER CONTROL DISTRICT NO. 1  
WATER ANALYSIS REPORT  
SILVERLAKE WATER ASSCC

BILL JANACEK  
STATE ENVIRONMENTAL LAB  
FIELD SECTION/OSDH  
OKLAHOMA CITY

CK 73152

SAMPLE TYPE- D

PUBLIC WATER SUPPLY SAMPLE

CONCENTRATION IN L/

HARDNESS, CALCIUM	170.0 MG/L	CHLORIDE	13 MG/L
FLUORIDE TOTAL	0.44 MG/L	NITRITE-NITRATE AS N	< 0.5 MG/L
PH (LAB)	7.90 STD UNIT	SULFATE	* 260 MG/L
SOLIDS, TOTAL DISS	* 726 MG/L	ALKALINITY, TOTAL	222 MG/L
HARDNESS, TOTAL	279 MG/L	TURBIDITY	< 1 NTU
ARSENIC-TOTAL	39 UG/L	BARIUM TOTAL	200 UG/L
CADMIUM-TOTAL	< 2 UG/L	CHROMIUM-TOTAL	40 UG/L
COPPER-TOTAL	30 UG/L	IRON-TOTAL	< 100 UG/L
LEAD-TOTAL	< 20 UG/L	MANGANESE-TOTAL	< 20 UG/L
MERCURY-TOTAL	< 0.5 UG/L	SELENIUM-TOTAL	* 36 UG/L
SILVER-TOTAL	< 3 UG/L	SODIUM-TOTAL	138 MG/L
ZINC-TOTAL	61 UG/L	CORROSIVITY	0.51 (CALC)

REMARK CODE EXPLANATIONS

< LESS THAN DETECTION LIMIT  
\* EXCEEDS PWS STANDARDS

SEE REVERSE SIDE FOR WATER QUALITY REPORT SIGNATURE

SILVER LAKE WATER  
PWS INORGANICS ANALYSIS  
OKLAHOMA

OKLAHOMA CITY

LEGAL

SE 28 T 13N R 04W I

SAMPLERS  
COMMENTS

ANALYSTS INITIAL VALUES WERE 58 23, THE REPORTED CR SE VALUES ARE THE M  
COMMENTS MEAN OF RESAMPLES 121728 51 34, 122320 47 34, 1 543/22 39.

REQUISITIONER COPY

ANALYST

122543 00000  
06/27/85 TIME 11:30  
06/28/85  
07/17/85  
PWF 2005511  
WILLIAMS

STATE WATER CONTROL  
WATER QUALITY  
SILVERLAKE WATER ASSOC

BILL JANACEK  
STATE ENVIRONMENTAL LAB  
FIELD SECTION/OSDH  
OKLAHOMA CITY

OK 73152

LOCATION CODE- 001

SAMPLE TYPE- C

PUBLIC WATER SUPPLY SAMPLE

CHROMIUM-TOTAL 22 UG/L SELENIUM-TOTAL \* 39 UG/L

REMARK CODE EXPLANATIONS

\* EXCEEDS PWS STANDARDS

SEE REVERSE SIDE FOR WATER QUALITY REPORT SIGNIFICANCE

WELL SILVER LAKE INC  
PWS RESAMPLES  
OKLAHOMA

OKC

LEGAL

SE 4 SEC 28 13N 04W I

TAMPLERS 9901 HARBOR DR., OKC OK 73132

COMMENTS

ANALYSTS

COMMENTS

REQUISITIONER COPY

ANALYST

*Letru*

122320

00000

06/20/85

TIME 10:00 END 10:15

06/24/85

07/11/85

PMF 2005511

CW

OKLAHOMA STATE DEPARTMENT OF HEALTH

STATE WATER QUALITY LABORATORY

WATER ANALYSIS REPORT

SILVERLAKE WATER ASSOC

BILL JANACEK

STATE ENVIRONMENTAL LAB

FIELD SECTION/OSDH

OKLAHOMA CITY

OK 73152

SAMPLE TYPE- D

PUBLIC WATER SUPPLY SAMPLE

ANALYSIS SECTION IN SAMPLE

CHROMIUM-TOTAL

47 UG/L

SELENIUM-TOTAL

34 UG/L

SEE REVERSE SIDE FOR WATER QUALITY REPORT SIGNIFICANCE

SILVER LAKE INC  
PWS RESAMPLES  
OKLAHOMA

CITY OKLAHOMA CITY

LEGAL

4 SE / 4 SEC 28 T 13N R 04h 1'

SAMPLERS  
COMMENTSANALYSTS  
COMMENTS

REQUISITIONER COPY

ANALYST



121726 00000  
06/11/85 TIME 11:15  
06/13/85  
06/21/85  
PWF 2005511  
JLV

DEPARTMENT OF  
SILVERLAKE WATER ASSOC

BILL JANACEK  
STATE ENVIRONMENTAL LAB  
FIELD SECTION/OSDH  
OKLAHOMA CITY

CK 73152

LOCATION CODE- 001  
SAMPLE TYPE- C

PUBLIC WATER SUPPLY SAMPLE

CHROMIUM-TOTAL 51 UG/L SELENIUM-TOTAL 34 UG/L

REMARK CODE EXPLANATIONS

\* EXCEEDS PWS STANDARDS

SEE REVERSE SIDE FOR WATER QUALITY TARGETS

SILVER LAKE INC.  
PWS RESAMPLES  
OKLAHOMA

OKLAHOMA CITY

LEGAL

SE SEC 28 12N 04E I

9901 HARECF DRIVE, CKC, CK 73132

REQUISITIONER COPY

ANALYST



OKLAHOMA STATE DEPARTMENT OF HEALTH  
STATE ENVIRONMENTAL LABORATORY SERVICE  
REPORT OF ANALYSIS  
**SILVERLAKE WATER ASSOC**

COPY OKLA. CITY/COUNTY HEALTH DEPT

**SAMPLE TYPE- D**  
**PUBLIC WATER SUPPLY SAMPLE**

[illegible]

CITY **OKLAHOMA CITY**

SE 13A R 04W I<sub>M</sub>

ANALYST'S  
COMMENTS

*Cliff Petro*  
Cliff Petro  
ENVIRONMENTAL LABORATORY SERVICE

OKLAHOMA STATE DEPARTMENT OF HEALTH  
STATE ENVIRONMENTAL LABORATORY SERVICE  
REPORT OF ANALYSIS

**SILVERLAKE WATER ASSOC**

**BILL JANACEK  
STATE ENVIRONMENTAL LAB  
OSDP/FIELD SECTION  
OKLAHOMA CITY OK 73152**

COPY OKLA/CITY CO HEALTH DEPT

**SAMPLE TYPE- D**  
**PUBLIC WATER SUPPLY SAMPLE**

CONCENTRATION IN SAMPLE

[illegible]

SOURCE **SILVER LAKE WATER**  
PROGRAM **PMS RESAMPLES**  
COUNTY **OKLAHOMA**

CITY **OKC**

LEGAL  
/4 /4 SE /4 SEC28 T 13h 04W IM

SAMPLER'S  
COMMENTS 99C1 HARBOR DR/OKC 73132

**ANALYST'S  
COMMENTS**

*Chiffre*  
CITE 10000  
ENVIRONMENTAL LABORATORY SERVICE

149914  
03/14/88 TIME 14:05 END 14:15  
03/16/88  
04/04/88  
PWF 2005511  
JLV

OKLAHOMA STATE DEPARTMENT OF HEALTH  
STATE ENVIRONMENTAL LABORATORY  
REPORT OF ANALYSIS  
SILVERLAKE WATER ASSOC

BILL JANACEK  
STATE ENVIRONMENTAL LAB  
FIELD SECTION  
OKLAHOMA CITY OK 73152

OKLA/CITY CO HEALTH DEPT

SAMPLE TYPE- C  
PUBLIC WATER SUPPLY SAMPLE

FLUORIDE 14 MG/L  
NITRITE-NITRATE AS N < 0.5 MG/L  
TURBIDITY 0.4 NTU  
ARSENIC TOTAL < 200 UG/L  
CHROMIUM-TOTAL 51 UG/L  
MERCURY-TOTAL 0.5 UG/L  
SILVER-TOTAL < 3 UG/L

FLUORIDE TOTAL 0.65 MG/L  
SPECIFIC CONDUCTANCE 1112 UMHCS/CM  
ARSENIC-TOTAL 25 UG/L  
CADMIUM-TOTAL < 2 UG/L  
LEAD-TOTAL < 20 UG/L  
SELENIUM-TOTAL \* 44 UG/L  
SODIUM-TOTAL 152 MG/L

REMARKS CODE EXPLANATIONS

< LESS THAN DETECTION LIMIT  
\* EXCEEDS PWS STANDARDS

SOURCE SILVER LAKE, INC  
ADDRESS PWS INORGANICS ANALYSIS  
CITY OKLAHOMA

OKLAHOMA CITY

LEGAL  
SE 28 13N 04W I.

SAMPLERS  
COMMENTS 9901 HARBOR DR. OKC. 73132

ANALYSTS  
COMMENTS

REQUISITIONER COPY

ANALYST

*Wm Poole*

**Attachment C**

**USGS Sampling Results**



# United States Department of the Interior

## GEOLOGICAL SURVEY

Water Resources Division  
Room 621, 215 Dean A. McGee  
Oklahoma City, Oklahoma 73102

May 5, 1988



Mr. Jim Hicks  
9901 Harbor Drive  
Oklahoma City, Ok 73162

The U.S. Geological Survey recently sampled Silver Lake's south well as part of an extensive study of the Garber-Wellington aquifer. The well was sampled on September 2, 1987. Enclosed is a copy of the results of a chemical analysis that was performed on the water sample. If we can be of assistance to you in interpreting the results of the chemical analysis, please feel free to call us at (405) 231-4256. Thank you for your cooperation and assistance.

Charles R. Burchett  
District Chief

SCC:tbt  
Enclosure

RECORD NUMBER — 98701351  
 STATION NUMBER — 353411097374501  
 STATION NAME — 13N-04W-28 CAD 1  
 DATE OF COLLECTION — 09-02-1987 1000

SILVER LAKE SOUTH WELL

PARAMETERS INCLUDED IN THIS RECORD ARE—

	NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
	1	00010		19.3	TEMPERATURE, WATER, DEGREES
	2	00027		1028	AGENCY COLLECTING SAMPLE (CODES)
	3	00028		80020	AGENCY ANALYZING SAMPLE (CODES)
	4	00095		1230	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C
	5	00300		5.7	OXYGEN, DISSOLVED (DO), MG/L
	6	00400		7.53	PH (STANDARD UNITS)
	7	00403		7.70	PH, LAB (STANDARD UNITS)
COMPUTED	8	00410		236	ALKALINITY, WATER, WHOLE, TOTAL, FIELD, AS CaCO3, MG/L
	9	00419		236	ALKALINITY, CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, AS CaCO3, MG/L
	10	00440		290	BICARBONATE, WATER, WHOLE, TOTAL, FIELD, AS HCO3, MG/L
	11	00445		0	CARBONATE, WATER, WHOLE, TO
	12	00447		0	CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, MG/L
	13	00450		288	
	14	00608	1	0.010	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)
	15	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED (MG/L AS N)
	16	00631		0.210	NITROGEN, NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)
	17	00671	1	0.010	PHOSPHORUS, ORTHOPHOSPHATE, DISSOLVED (MG/L AS P)
	18	00681		0.5	CARBON, ORGANIC DISSOLVED (MG/L AS C)
COMPUTED	19	00900		330	HARDNESS, TOTAL (MG/L AS CaCO3)
	20	00915		83	CALCIUM, DISSOLVED (MG/L AS Ca)
	21	00925		29	MAGNESIUM, DISSOLVED (MG/L AS MG)
	22	00930		160	SODIUM, DISSOLVED (MG/L AS Na)
COMPUTED	23	00931		4	SODIUM ADSORPTION RATIO
	24	00935		1.2	POTASSIUM, DISSOLVED (MG/L AS K)
	25	00940		9.2	CHLORIDE, DISSOLVED (MG/L AS CL)
	26	00945		420	SULFATE, DISSOLVED (MG/L AS SO4)
	27	00950		0.70	FLUORIDE, DISSOLVED (MG/L AS F)
	28	00955		16	SILICA, DISSOLVED (MG/L AS SiO2)
	29	01000		21	ARSENIC, DISSOLVED (UG/L AS AS)
	30	01005		17	BARIUM, DISSOLVED (UG/L AS Ba)
	31	01010		2	BERYLLIUM, DISSOLVED (UG/L AS BE)
	32	01020		1500	BORON, DISSOLVED (UG/L AS B)
	33	01025	1	1	CADMIUM, DISSOLVED (UG/L AS Cd)
	34	01030		50	CHROMIUM, DISSOLVED (UG/L AS CR)
	35	01032	1	1	CHROMIUM, HEXAVALENT, DISSOLVED (UG/L AS CR)
	36	01035	1	3	COBALT, DISSOLVED (UG/L AS CO)
	37	01040	1	10	COPPER, DISSOLVED (UG/L AS CU)
	38	01046		14	IRON, DISSOLVED (UG/L AS FE)
	39	01049	1	10	LEAD, DISSOLVED (UG/L AS Pb)
	40	01056	1	1	MANGANESE, DISSOLVED (UG/L AS MN)
	41	01060		10	MOLYBDENUM, DISSOLVED (UG/L AS MO)
	42	01065	1	10	NICKEL, DISSOLVED (UG/L AS NI)
	43	01075	1	1	SILVER, DISSOLVED (UG/L AS AG)
	44	01080		1900	STRONTIUM, DISSOLVED (UG/L AS SR)
	45	01085		190	VANADIUM, DISSOLVED (UG/L AS V)

46	01090	1	3	ZINC, DISSOLVED (UG/L AS ZN)
47	01106	1	10	ALUMINUM, DISSOLVED (UG/L AS AL)
48	01130		16	LITHIUM, DISSOLVED (UG/L AS LI)
49	01145		63	SELENIUM, DISSOLVED (UG/L AS SE)
50	07000		0.3	TRITIUM, TOTAL (PCI/L)
51	09511		0.10	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)
52	71870		0.030	BROMIDE, DISSOLVED (MG/L AS BR)
53	81366	1	2.0	RADIUM 228, DISSOLVED (PCI/L AS RA-228)
54	82082		-44.0	HYDROGEN 2 / 1 RATIO PER MIL
55	82085		-7.1	OXYGEN 18 / 16 RATIO PER MIL
56	90095		1280	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C



RECORD NUMBER \_\_\_\_\_ 98701352  
STATION NUMBER \_\_\_\_\_ 353411097374501  
STATION NAME \_\_\_\_\_ 13N-04W-28 CAD 1  
DATE OF COLLECTION — 09-02-1987 1001 - -

PARAMETERS INCLUDED IN THIS RECORD ARE—

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODES)
2	00028		80020	AGENCY ANALYZING SAMPLE (CODES)
3	01030		40	CHROMIUM, DISSOLVED (UG/L AS CR)

**Attachment D**

**Elevated levels of trace elements  
found in the  
Garber-Wellington Aquifer**

**(Water Quality Data for a 5 mile radius  
of the Silver Lake Wells)**

**RECORD OF  
COMMUNICATION**

☒ XXX

Phone Call

☐

Discussion

☐

Field  
Trip

☐

Conference

☐

Other (Specify)

*Heather Schijf*  
TO: Heather Schijf  
ICF - FIT  
214-744-1641

FROM: Scott Christianson  
Water Resources Divison  
U.S. Geological Survey  
405-231-4256

DATE: 1-6-89

TIME: 12:30 pm

SUBJECT: Elevated levels of trace elements found in the Garber-Wellington Aquifer

**SUMMARY OF COMMUNICATION:**

Mr. Christianson returned my call. I asked Mr. Christianson about a study on the Garber-Wellington Aquifer that he was conducting for the U.S.G.S. I told him I was interested in the naturally occurring elevated levels of trace elements. Specifically, arsenic, chromium, and selenium which have been found to be above the primary drinking water standards. He said that this is a common problem in Central Oklahoma for wells drawing from the Garber-Wellington Aquifer and is not limited to the wells which serve the community of Silver Lake. He said that he thought the problem had always existed but that people have only become aware of the problem in the past 10-15 years. Furthermore, Mr. Christianson said local municipalities combat the problem by blending the well water with surface water to dilute the concentrations of the trace elements and bring the levels below the primary drinking water standards. He said that he would send water quality data for municipal wells that fell within a 5-mile radius of the Silver Lake wells.

**INFORMATION COPIES TO:**

User: SCCHRISTENSON

-at BAND

<GIS>NAWQA>NWIS>SCHIJF.DATA

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[Spooler rev 20.2.1 (c) Prime Computer, Inc., 1986]

Label: PRT029 -form

Pathname: <GIS>NAWQA>NWIS>SCHIJF.DATA

File last modified: 39-01-06.12:59:44.Fri

Spooled: 39-01-06.13:04:43.Fri

Started: 39-01-06.13:05:56.Fri on: PRO

by: BAND

RECORD NUMBER ----- 97804638  
 STATION NUMBER ----- 353303097404102  
 STATION NAME ----- 12N-05W-01 ABB 2  
 DATE OF COLLECTION -- 10-23-1977 1100

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.8	WATER TEMPERATURE, DEGREES
2	00020		13.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		620	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		7.8	OXYGEN DISSOLVED (MG/L)
7	00400		5.50	PH (STANDARD UNITS)
8	00410		200	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		52	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		20	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		34	SODIUM DISSOLVED (MG/L AS Na)
13	00945		12	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		1	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		180	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		100	BORON DISSOLVED (UG/L AS B)
18	01030	1	4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		3	COPPER DISSOLVED (UG/L AS CU)
21	01046	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056	1	2	MANGANESE DISSOLVED (UG/L AS MN)
23	01060	1	4	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065	1	4	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085	1	4	VANADIUM DISSOLVED (UG/L AS V)
27	01090		47	ZINC DISSOLVED (UG/L AS ZN)
28	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		17	LITHIUM DISSOLVED (UG/L AS LI)
30	01145	1	0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150	1	2	TITANIUM DISSOLVED (UG/L AS TI)
32	01160	1	2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01137	1	1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		1	YTTRIUM TOTAL (UG/L AS Y)
35	01239		8	NIObIUM TOTAL (UG/L)
36	22703		1.4	URANIUM, NATURAL, DISSOLVED (UG/L)
37	82365	1	10	THORIUM DISSOLV (UG/L AS TH)

RECORD NUMBER ----- 98503018  
STATION NUMBER ----- 353301097412201  
STATION NAME ----- 12N-05W-02 AAA 1  
DATE OF COLLECTION -- 06-11-1985

PRELIMINARY DATA  
SUBJECT TO REVISION

## PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84001	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00403		7.40	PH LABORATORY (UNITS)
4	00410		254	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS $\text{CaCO}_3$
5	00515		375	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
6	00630		10.4	NITROGEN NITRITE PLUS NITRATE TOTAL (MG/L AS-N)
7	00900		260	HARDNESS TOTAL (MG/L AS $\text{CaO}_3$ )
8	00916		56	CALCIUM TOTAL RECOVERABLE (
9	00927		22	MAGNESIUM TOTAL (MG/L AS MG)
10	00929		48	SODIUM TOTAL RECOVERABLE (
11	00940		11	CHLORIDE DISSOLVED (MG/L AS CL)
12	00945		24	SULFATE DISSOLVED (MG/L AS $\text{SO}_4$ )
13	00951		0.2	FLUORIDE TOTAL (MG/L AS F)
14	01045	1	100	IRON TOTAL (UG/L AS- FE)

RECORD NUMBER ----- 98004301  
 STATION NUMBER ----- 353135097412101  
 STATION NAME ----- 12N-05W-11 DAD 1  
 DATE OF COLLECTION -- 07-28-1980

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.5	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1000	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.10	PH (STANDARD UNITS)
6	00410		400	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
7	00631		1.70	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
8	00902		97	NONCARBONATE HARDNESS WATER WHOLE-TOTAL, FIELD, (MG/L AS Ca CO3)
9	00915		109	CALCIUM DISSOLVED (MG/L AS Ca)
10	00925		54	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00930		109	SODIUM DISSOLVED (MG/L AS Na)
12	00932		32	SODIUM PERCENT
13	00935		4.7	POTASSIUM DISSOLVED (MG/L AS K)
14	00940		98	CHLORIDE DISSOLVED (MG/L AS CL)
15	00945		170	SULFATE DISSOLVED (MG/L AS SO4)
16	00950		1.1	FLUORIDE DISSOLVED (MG/L AS F)
17	00955		23	SILICA DISSOLVED (MG/L AS SiO2)
18	01000		4	ARSENIC DISSOLVED (UG/L AS AS)
19	01020		390	BORON DISSOLVED (UG/L AS B)
20	01025	1	1	CADMIUM DISSOLVED (UG/L AS Cd)
21	01030		10	CHROMIUM DISSOLVED (UG/L AS CR)
22	01040		29	COPPER DISSOLVED (UG/L AS CU)
23	01046		30	IRON DISSOLVED (UG/L AS FE)
24	01049		4	LEAD DISSOLVED (UG/L AS Pb)
25	01056		600	MANGANESE DISSOLVED (UG/L AS MN)
26	01090		30	ZINC DISSOLVED (UG/L AS ZN)
27	01145		2	SELENIUM DISSOLVED (UG/L AS SE)
28	70300		759	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
29	70301		820	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
30	70303		1.03	SOLIDS, DISSOLVED (TONS PER ACRE-FOOT)
31	71890		0.1	MERCURY, DISSOLVED (UG/L AS HG)
32	82068		3.5	POTASSIUM 40 DISSOLVED (PCI /L AS K40)

RECORD NUMBER ----- 94201028  
STATION NUMBER ----- 353103097412201  
STATION NAME ----- 12N-05W-14 ADA 1  
DATE OF COLLECTION -- 03-07-1942

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00410		336	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
4	00440		410	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
5	00619		0.056	NITROGEN NITRATE DISSOLVED (MG/L AS N)
6	00900	E	320	HARDNESS TOTAL (MG/L AS CaO3)
7	00940		11	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		25	SULFATE DISSOLVED (MG/L AS SO4)
9	00950		1.1	FLUORIDE DISSOLVED (MG/L AS F)
10	71851		0.25	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)



RECORD NUMBER ----- 97804659  
 STATION NUMBER ----- 353540097415302  
 STATION NAME ----- 13N-05W-23 ABB 2  
 DATE OF COLLECTION -- 11-04-1977 1600

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.7	WATER TEMPERATURE, DEGREES
2	00020		24.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		4330	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		5.0	OXYGEN DISSOLVED (MG/L)
7	00403		6.60	PH (STANDARD UNITS)
8	00410		114	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		380	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		53	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		760	SODIUM DISSOLVED (MG/L AS Na)
13	00945		75	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		10	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		8	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		4200	BORON DISSOLVED (UG/L AS B)
18	01030		4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		9	COPPER DISSOLVED (UG/L AS CU)
21	01046	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056		3	MANGANESE DISSOLVED (UG/L AS MN)
23	01060		65	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065		4	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		27	VANADIUM DISSOLVED (UG/L AS V)
27	01090		109	ZINC DISSOLVED (UG/L AS ZN)
28	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		53	LITHIUM DISSOLVED (UG/L AS LI)
30	01145	1	0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150		4	TITANIUM DISSOLVED (UG/L AS TI)
32	01160		2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01187		1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		6	YTRIUM TOTAL (UG/L AS Y)
35	01239		20	NIObIUM TOTAL (UG/L)
36	22703		42	URANIUM, NATURAL, DISSOLVED (UG/L)
37	82365		28	THORIUM DISSOLV (UG/L AS TH)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98701342  
STATION NUMBER ----- 353915097403901  
STATION NAME ----- 14N-05W-25 DDC 1  
DATE OF COLLECTION -- 08-26-1987 1001

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00026		80020	AGENCY ANALYZING SAMPLE (CODE N
3	01030	1	0	CHROMIUM DISSOLVED (UG/L AS CR)
4	82398		4040	SAMPLING METHOD (CODES)
5	84144		200	WELL SELECTION CRITERIA, CODE
6	84145		700	PROJECT COMPONENT, CODE

RECORD NUMBER ----- 99701341  
 STATION NUMBER ----- 353915097403901  
 STATION NAME ----- 14N-05W-25 DDC 1  
 DATE OF COLLECTION -- 08-26-1987 1000

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		20.4	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N)
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N)
4	00095		6440	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		0.2	OXYGEN DISSOLVED (MG/L)
6	00400		8.44	PH (STANDARD UNITS)
7	00403		8.10	PH LABORATORY (UNITS)
8	00410		34	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00419		34	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
10	00440		41	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
11	00445		0	CARBONATE, WATER, WHOLE, FI
12	00447		0	CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, MG/L AS CO3
13	00450		41	
14	00608		0.180	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
15	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
16	00631	1	0.100	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
17	00671		0.020	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
18	00681		0.4	CARBON ORGANIC DISSOLVED (MG/L AS C)
19	00915		439	CALCIUM DISSOLVED (MG/L AS Ca)
20	00925		100	MAGNESIUM DISSOLVED (MG/L AS Mg)
21	00930		1100	SODIUM DISSOLVED (MG/L AS Na)
22	00935		4.3	POTASSIUM DISSOLVED (MG/L AS K)
23	00940		230	CHLORIDE DISSOLVED (MG/L AS Cl)
24	00945		3700	SULFATE DISSOLVED (MG/L AS SO4)
25	00950		0.80	FLUORIDE DISSOLVED (MG/L AS F)
26	00955		8.8	SILICA DISSOLVED (MG/L AS SiO2)
27	01000		4	ARSENIC DISSOLVED (UG/L AS As)
28	01005		5	BARIUM DISSOLVED (UG/L AS Ba)
29	01010		2	BERYLLIUM DISSOLVED (UG/L AS Be)
30	01025	1	3	CADMIUM DISSOLVED (UG/L AS Cd)
31	01030	1	20	CHROMIUM DISSOLVED (UG/L AS Cr)
32	01035	1	9	COBALT DISSOLVED (UG/L AS Co)
33	01040	1	30	COPPER DISSOLVED (UG/L AS Cu)
34	01046		970	IRON DISSOLVED (UG/L AS Fe)
35	01049	1	30	LEAD DISSOLVED (UG/L AS Pb)
36	01056		43	MANGANESE DISSOLVED (UG/L AS Mn)
37	01060		80	MOLYBDENUM DISSOLVED (UG/L AS Mo)
38	01065	1	10	NICKEL DISSOLVED (UG/L AS Ni)
39	01075		3.0	SILVER DISSOLVED (UG/L AS Ag)
40	01080		8100	STRONTIUM DISSOLVED (UG/L AS Sr)
41	01085	1	18	VANADIUM DISSOLVED (UG/L AS V)
42	01090		15	ZINC DISSOLVED (UG/L AS Zn)
43	01130		180	LITHIUM DISSOLVED (UG/L AS Li)
44	01145	1	1	SELENIUM DISSOLVED (UG/L AS Se)
45	07000	1	0.3	TRITIUM TOTAL (PCI/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	09511		0.83	RADIUM 226 DISSOLVED, RADON METHOD (PCI/L)
47	22603		0.12	URANIUM-238, WATER, DISSOLVED, (PCI/L)
48	22604		0	URANIUM 238, DISSOLVED, COUNTING ERROR (PCI/L)
49	22610		0.67	URANIUM-234, WATER, DISSOLVED, (PCI/L)
50	22611		0.11	URANIUM-234, WATER, DISSOLVED, COUNTING ERROR, (PCI/L)
51	22703		0.38	URANIUM, NATURAL, DISSOLVED (UG/L)
52	71870		0.34	BROMIDE, DISSOLVED (MG/L AS BR)
53	81366		2.0	RADIUM 228, DISSOLVED (PCI/L AS RA-228)
54	82081		-13.30	CARBON 13 / 12 RATIO
55	82082		-44.0	HYDROGEN 2 / 1 RATIO PER MIL
56	82085		-6.90	OXYGEN 18 / 16 RATIO PER MIL
57	82086		9.70	SULFUR 34 / 32 RATIO PER MIL
58	82172		8.5	CARBON 14 PERCENT MODERN
59	82303	0	360	RADON 222 TOTAL (PC/L)
60	82396		4040	SAMPLING METHOD (CODES)
61	84144		200	WELL SELECTION CRITERIA, CODE
62	84145		700	PROJECT COMPONENT, CODE
63	90095		6500	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C

PRELIMINARY DATA  
SUBJECT TO REVISION

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98005325  
STATION NUMBER ----- 353221097322001  
STATION NAME ----- 12N-03W-05 BDA 1  
DATE OF COLLECTION -- 12-04-1979

- -  
**PRELIMINARY DATA  
SUBJECT TO REVISION**

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00023		84042	AGENCY ANALYZING SAMPLE (CODE N
3	01034		22	CHROMIUM TOTAL (UG/L AS CR)
4	01055		13	MANGANESE TOTAL (UG/L AS MN)

RECORD NUMBER ----- 98105028  
STATION NUMBER ----- 353221097322001  
STATION NAME ----- 12N-03W-05 BDA 1  
DATE OF COLLECTION -- 05-05-1981

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	01501		49	ALPHA TOTAL (PCI/L)
4	80049		3.0	BETA, GROSS TOTAL AS STONTIUM/YTTRIUM-90 (PCI/L)

RECORD NUMBER ----- 98301087  
STATION NUMBER ----- 353221097322001  
STATION NAME ----- 12N-03W-05 PDA 1  
DATE OF COLLECTION -- 04-26-1983

- -  
**PRELIMINARY DATA  
SUBJECT TO REVISION**

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		961	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.30	PH LABORATORY (UNITS)
5	00900		150	HARDNESS TOTAL (MG/L AS CA03)
6	00940		109	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		62	SULFATE DISSOLVED (MG/L AS S04)
8	01034		30	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98503222  
STATION NUMBER ----- 353221097322001  
STATION NAME ----- 12N-03W-05 BDA 1  
DATE OF COLLECTION -- 03-13-1985

- -  
PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		369	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.80	PH LABORATORY (UNITS)
5	00900		25	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		60	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		41	SULFATE DISSOLVED (MG/L AS SO4)
8	01001		51	ARSENIC TOTAL (UG/L AS AS)
9	01034		66	CHROMIUM TOTAL (UG/L AS CR)
10	01147	1	5	SELENIUM TOTAL (UG/L AS SE)



WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98005326  
STATION NUMBER ----- 353213097321801  
STATION NAME ----- 12N-03W-05 BDA 2  
DATE OF COLLECTION -- 12-04-1979

- - -  
PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		34009	AGENCY COLLECTING SAMPLE (CODE N
2	00023		84042	AGENCY ANALYZING SAMPLE (CODE N
3	01034		150	CHROMIUM TOTAL (UG/L AS CR)
4	01147		71	SELENIUM TOTAL (UG/L AS SE)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98105029  
STATION NUMBER ----- 353218097321801  
STATION NAME ----- 12N-03W-05 8DA 2  
DATE OF COLLECTION -- 05-05-1981

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	01501		62	ALPHA TOTAL (PCI/L)
4	80049		9.0	BETA, GROSS TOTAL AS STONTIUM/YTTRIUM-90 (PCI/L)

RECORD NUMBER ----- 98301088  
STATION NUMBER ----- 353218097321801  
STATION NAME ----- 12N-03W-05 80A 2  
DATE OF COLLECTION -- 04-26-1983

PRELIMINARY DATA  
SUBJECT TO REVISION

- -

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		792	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.20	PH LABORATORY (UNITS)
5	00900		150	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		86	CHLORIDE DISSOLVED (MG/L AS CL)
7	00943		43	SULFATE DISSOLVED (MG/L AS SO4)
8	01034		44	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 94300901  
STATION NUMBER ----- 353233097323001  
STATION NAME ----- 12N-03W-05 CAB 1  
DATE OF COLLECTION -- 04-16-1943

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		807	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00410		308	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
5	00440		300	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		37	CARBONATE, WATER, WHOLE, FI
7	00613		0.045	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
9	00915		4.5	CALCIUM DISSOLVED (MG/L AS Ca)
10	00925		1.7	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00933		190	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
12	00940		58	CHLORIDE DISSOLVED (MG/L AS CL)
13	00945		40	SULFATE DISSOLVED (MG/L AS SO4)
14	00950		1.0	FLUORIDE DISSOLVED (MG/L AS F)
15	70300		525	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
16	71851		0.20	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
17	72003		300.00	DEPTH OF WELL, TOTAL (FEET)



WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98105021  
STATION NUMBER ----- 353233097323001  
STATION NAME ----- 12N-03W-05 CAB 1  
DATE OF COLLECTION -- 05-05-1981

- -  
**PRELIMINARY DATA  
SUBJECT TO REVISION**

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	01501		17	ALPHA TOTAL (PCI/L)
4	80049		1.0	BETA, GROSS TOTAL AS STONTIUM/YTTRIUM-90 (PCI/L)

RECORD NUMBER ----- 95202586  
STATION NUMBER ----- 353233097323001  
STATION NAME ----- 12N-03W-05 CAB 1  
DATE OF COLLECTION -- 12-26-1951

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1030	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00400		8.90	PH (STANDARD UNITS)
5	00440		450	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		32	CARBONATE, WATER, WHOLE, FI
7	00618		0.300	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS CA CO3)
9	00915		3.8	CALCIUM DISSOLVED (MG/L AS CA)
10	00925		2.7	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00930		250	SODIUM DISSOLVED (MG/L AS NA)
12	00932		96	SODIUM PERCENT
13	00935		2.2	POTASSIUM DISSOLVED (MG/L AS K)
14	00940		50	CHLORIDE DISSOLVED (MG/L AS CL)
15	00945		65	SULFATE DISSOLVED (MG/L AS SO4)
16	00950		2.0	FLUORIDE DISSOLVED (MG/L AS F)
17	00955		8.5	SILICA DISSOLVED (MG/L AS SI02)
18	01046		0	IRON DISSOLVED (UG/L AS FE)
19	70300		642	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
20	70301		630	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
21	71851		1.3	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
22	72008		816.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 93301084  
STATION NUMBER ----- 353233097323001  
STATION NAME ----- 12N-03W-05 CAB 1  
DATE OF COLLECTION -- 04-26-1983

**PRELIMINARY DATA  
SUBJECT TO REVISION**

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1270	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.10	PH LABORATORY (UNITS)
5	00900		280	HARDNESS TOTAL (MG/L AS CA03)
6	00940		190	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		96	SULFATE DISSOLVED (MG/L AS S04)
8	01034		32	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)



RECORD NUMBER ----- 98503212  
STATION NUMBER ----- 353233097323001  
STATION NAME ----- 12N-03W-05 CAB 1  
DATE OF COLLECTION -- 03-05-1985

- - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		34009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1430	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.60	PH LABORATORY (UNITS)
5	00900		460	HARDNESS TOTAL (MG/L AS CA03)
6	00940		270	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		130	SULFATE DISSOLVED (MG/L AS S04)
8	01002	1	10	ARSENIC TOTAL (UG/L AS AS)
9	01034		12	CHROMIUM TOTAL (UG/L AS CR)
10	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 95202524  
STATION NUMBER ----- 353233097323002  
STATION NAME ----- 12N-03W-05 CAB 2  
DATE OF COLLECTION -- 12-26-1951

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00023		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1030	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00400		8.90	PH (STANDARD UNITS)
5	00410		422	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00440		450	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
7	00445		32	CARBONATE, WATER, WHOLE, FI
8	00618		0.294	NITROGEN NITRATE DISSOLVED (MG/L AS N)
9	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
10	00915		3.8	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		2.7	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		250	SODIUM DISSOLVED (MG/L AS Na)
13	00932		96	SODIUM PERCENT
14	00935		2.2	POTASSIUM DISSOLVED (MG/L AS K)
15	00940		50	CHLORIDE DISSOLVED (MG/L AS CL)
16	00945		65	SULFATE DISSOLVED (MG/L AS SO4)
17	00950		2.0	FLUORIDE DISSOLVED (MG/L AS F)
18	00955		8.5	SILICA DISSOLVED (MG/L AS SiO2)
19	01046		0	IRON DISSOLVED (UG/L AS FE)
20	70300		642	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
21	70301		634	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
22	71851		1.3	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
23	72003		916.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 98602172  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1202

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		240	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00029		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		2100	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.20	PH LABORATORY (UNITS)
6	00900		1400	HARDNESS TOTAL (MG/L AS CA03)
7	00940		460	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		350	SULFATE DISSOLVED (MG/L AS S04)
9	01030	1	10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602171  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1201 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		194	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1150	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		6.90	PH LABORATORY (UNITS)
6	00900		330	HARDNESS TOTAL (MG/L AS CA03)
7	00940		170	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		180	SULFATE DISSOLVED (MG/L AS S04)
9	01030		10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145		21	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602173  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1203 - - PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		407	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1190	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.20	PH LABORATORY (UNITS)
6	00900		360	HARDNESS TOTAL (MG/L AS CAO3)
7	00940		210	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		150	SULFATE DISSOLVED (MG/L AS SO4)
9	01030	1	10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145		18	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602175  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1205

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		533	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		519	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.80	PH LABORATORY (UNITS)
6	00900		14	HARDNESS TOTAL (MG/L AS CA03)
7	00940		28	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		44	SULFATE DISSOLVED (MG/L AS S04)
9	01010		50	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602176  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1206 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		695	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		562	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.30	PH LABORATORY (UNITS)
6	00900		14	HARDNESS TOTAL (MG/L AS CA03)
7	00940		36	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		43	SULFATE DISSOLVED (MG/L AS S04)
9	01030		50	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602177  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1207

- - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		718	SAMPLING DEPTH (FEET)
2	J0027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	C0023		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1290	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.80	PH LABORATORY (UNITS)
6	00900		14	HARDNESS TOTAL (MG/L AS CA03)
7	00940		180	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		85	SULFATE DISSOLVED (MG/L AS S04)
9	01030		20	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145		15	SELENIUM DISSOLVED (UG/L AS SE)



RECORD NUMBER ----- 98602174  
STATION NUMBER ----- 353216097324701  
STATION NAME ----- 12N-03W-05 CCC 1  
DATE OF COLLECTION -- 01-30-1986 1204 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		459	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		879	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.10	PH LABORATORY (UNITS)
6	00900		200	HARDNESS TOTAL (MG/L AS CA03)
7	00940		160	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		70	SULFATE DISSOLVED (MG/L AS S04)
9	01030		10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

WATER QUALITY ANALYSIS - FRI, JAN 05 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98503219  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 07-18-1985 1000

- - PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	C0027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00023		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00900		45	HARDNESS TOTAL (MG/L AS CA03)
4	00940		109	CHLORIDE DISSOLVED (MG/L AS CL)
5	00945		38	SULFATE DISSOLVED (MG/L AS S04)
6	01002		60	ARSENIC TOTAL (UG/L AS AS)
7	01034		11	CHROMIUM TOTAL (UG/L AS CR)
8	01147		260	SELENIUM TOTAL (UG/L AS SE)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98503220  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 07-18-1985 1002

- -  
**PRELIMINARY DATA  
SUBJECT TO REVISION**

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		94042	AGENCY ANALYZING SAMPLE (CODE N
3	00900		48	HARDNESS TOTAL (MG/L AS CA03)
4	00940		109	CHLORIDE DISSOLVED (MG/L AS CL)
5	00945		39	SULFATE DISSOLVED (MG/L AS SO4)
6	01002		65	ARSENIC TOTAL (UG/L AS AS)
7	01034		13	CHROMIUM TOTAL (UG/L AS CR)
8	01147		250	SELENIUM TOTAL (UG/L AS SE)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98105026  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 10-07-1980 1005 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00026		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		994	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.10	PH LABORATORY (UNITS)
5	00900		58	HARDNESS TOTAL (MG/L AS CA03)
6	00940		130	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		30	SULFATE DISSOLVED (MG/L AS SO4)

RECORD NUMBER ----- 98503213  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 04-18-1985

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00025		978	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.70	PH LABORATORY (UNITS)
5	00900		82	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		130	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		39	SULFATE DISSOLVED (MG/L AS SO4)
8	01002		47	ARSENIC TOTAL (UG/L AS AS)
9	01034		12	CHROMIUM TOTAL (UG/L AS CR)
10	01147		170	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 99701451  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 07-18-1987 1001 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		978	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.70	PH LABORATORY (UNITS)
5	00900		50	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		109	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		50	SULFATE DISSOLVED (MG/L AS SO4)
8	01002		49	ARSENIC TOTAL (UG/L AS AS)
9	01034	1	10	CHROMIUM TOTAL (UG/L AS CR)
10	01147		230	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 99602220  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 10-07-1985

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		944	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.90	PH LABORATORY (UNITS)
5	00630	1	0.500	NITROGEN NITRITE PLUS NITRATE TOTAL (MG/L AS N)
6	00900		200	HARDNESS TOTAL (MG/L AS CA03)
7	00940		210	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		35	SULFATE DISSOLVED (MG/L AS SO4)
9	01034		12	CHROMIUM TOTAL (UG/L AS CR)
10	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602221  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 OCA 1  
DATE OF COLLECTION -- 04-28-1986

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		944	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.70	PH LABORATORY (UNITS)
5	00900		300	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		210	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		29	SULFATE DISSOLVED (MG/L AS SO4)
8	01034		109	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)



RECORD NUMBER ----- 98602222  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 04-29-1936

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		34042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		966	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.70	PH LABORATORY (UNITS)
5	00900		290	HARDNESS TOTAL (MG/L AS CA03)
6	00940		210	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		27	SULFATE DISSOLVED (MG/L AS SO4)
8	01034		15	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602223  
STATION NUMBER ----- 353223097320501  
STATION NAME ----- 12N-03W-05 DCA 1  
DATE OF COLLECTION -- 05-01-1986

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		887	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.90	PH LABORATORY (UNITS)
5	00900		240	HARDNESS TOTAL (MG/L AS CA03)
6	00940		200	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		23	SULFATE DISSOLVED (MG/L AS SO4)
8	01034		24	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98800495  
 STATION NUMBER ----- 353223097320501  
 STATION NAME ----- 12N-03W-05 DCA 1  
 DATE OF COLLECTION -- 04-12-1988 1300

- - PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.1	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N)
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N)
4	00095		1040	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		2.9	OXYGEN DISSOLVED (MG/L)
6	00400		7.97	PH (STANDARD UNITS)
7	00403		7.80	PH LABORATORY (UNITS)
8	00410		161	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00419		161	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
10	00440		200	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
11	00445		0	CARBONATE, WATER, WHOLE, FI
12	00447		0	CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, MG/L AS CO3
13	00450		196	
14	00608	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
15	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
16	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
17	00631		0.190	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
18	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
19	00681		0.6	CARBON ORGANIC DISSOLVED (MG/L AS C)
20	00915		33	CALCIUM DISSOLVED (MG/L AS Ca)
21	00925		25	MAGNESIUM DISSOLVED (MG/L AS Mg)
22	00930		130	SODIUM DISSOLVED (MG/L AS Na)
23	00935		2.1	POTASSIUM DISSOLVED (MG/L AS K)
24	00940		200	CHLORIDE DISSOLVED (MG/L AS Cl)
25	00945		42	SULFATE DISSOLVED (MG/L AS SO4)
26	00950		0.30	FLUORIDE DISSOLVED (MG/L AS F)
27	00955		15	SILICA DISSOLVED (MG/L AS SiO2)
28	01000		2	ARSENIC DISSOLVED (UG/L AS AS)
29	01005		100	BARIUM DISSOLVED (UG/L AS Ba)
30	01010	1	0.5	BERYLLIUM DISSOLVED (UG/L AS Be)
31	01020		360	BORON DISSOLVED (UG/L AS B)
32	01025	1	1	CADMIUM DISSOLVED (UG/L AS Cd)
33	01030		7	CHROMIUM DISSOLVED (UG/L AS Cr)
34	01032		1	CHROMIUM HEXVALENT DISSOLVED (UG/L AS Cr)
35	01035	1	3	COBALT DISSOLVED (UG/L AS Co)
36	01040	1	10	COPPER DISSOLVED (UG/L AS Cu)
37	01046		30	IRON DISSOLVED (UG/L AS Fe)
38	01049	1	10	LEAD DISSOLVED (UG/L AS Pb)
39	01056		3	MANGANESE DISSOLVED (UG/L AS Mn)
40	01060	1	10	MOLYBDENUM DISSOLVED (UG/L AS Mo)
41	01065	1	10	NICKEL DISSOLVED (UG/L AS Ni)
42	01075	1	1.0	SILVER DISSOLVED (UG/L AS Ag)
43	01080		1500	STRONTIUM DISSOLVED (UG/L AS Sr)
44	01095		28	VANADIUM DISSOLVED (UG/L AS V)
45	01090	1	3	ZINC DISSOLVED (UG/L AS Zn)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	01095	1	1	ANTIMONY DISSOLVED (UG/L AS SB)
47	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
48	01130		20	LITHIUM DISSOLVED (UG/L AS LI)
49	01145		3	SELENIUM DISSOLVED (UG/L AS SE)
50	03515		12	GROSS BETA DISSOLVED (PCI/L AS CS-137)
51	07000	1	0.3	TRITIUM TOTAL (PCI/L)
52	22603		3.8	URANIUM-238, WATER, DISSOLVED, (PCI/L)
53	22604		0.4	URANIUM 238, DISSOLVED, COUNTING ERROR (PCI/L)
54	22610		9.3	URANIUM-234, WATER, DISSOLVED, (PCI/L)
55	22611		0.93	URANIUM-234, WATER, DISSOLVED, COUNTING ERROR, (PCI/L)
56	22703		11	URANIUM, NATURAL, DISSOLVED (UG/L)
57	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
58	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
59	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
60	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
61	32104	1	0.20	BROMOFORM TOTAL (UG/L)
62	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
63	32106	1	0.20	CHLOROFORM TOTAL (UG/L)
64	34010	1	0.20	TOLUENE, TOTAL (UG/L)
65	34030	1	0.20	BENZENE, TOTAL (UG/L)
66	34301	1	0.20	CHLOROBENZENE TOTAL
67	34311	1	0.20	CHLOROETHANE TOTAL
68	34371	1	0.20	ETHYLBENZENE TOTAL
69	34413	1	0.20	METHYLBROMIDE TOTAL (
70	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
71	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
72	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
73	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
74	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
75	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
76	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
77	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
78	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
79	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
80	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
81	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
82	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
83	34666	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
84	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
85	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
86	39175	1	0.20	VINYLCBLORIDE TOTAL (UG/L)
87	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
88	71870		0.15	BROMIDE, DISSOLVED (MG/L AS BR)
89	71890	1	0.1	MERCURY, DISSOLVED (UG/L AS HG)
90	77128	1	0.2	STYRENE, TOTAL (UG/L)

PRELIMINARY DATA  
SUBJECT TO REVISION

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
91	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
92	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
93	80030		18	ALPHA, GROSS, DISSOLVED AS U NATURAL (UG/L)
94	80050		8.4	BETA, GROSS, DISSOLVED AS STRONTIUM/YTTRIUM-90 (PCI/L)
95	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
96	82303		174	RADON 222 TOTAL (PC/L)
97	82398		4040	SAMPLING METHOD (CODES)
98	84144		200	WELL SELECTION CRITERIA, CODE
99	84145		100	PROJECT COMPONENT, CODE
100	90095		1030	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C
101	90410		165	ALKALINITY, TITRATION TO PH 4.5, LABORATORY (MG/L AS CAC03)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98701093  
 STATION NUMBER ----- 353223097320501  
 STATION NAME ----- 12N-03W-05 DCA 1  
 DATE OF COLLECTION -- 07-27-1987 1130

- - PRELIMINARY DATA  
 - - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		962	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		2.1	OXYGEN DISSOLVED (MG/L)
6	00400		8.63	PH (STANDARD UNITS)
7	00403		9.50	PH LABORATORY (UNITS)
8	00410		262	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00419		262	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
10	00440		280	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
11	00445		18	CARBONATE, WATER, WHOLE, FI
12	00447		18	CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, MG/L AS CO3
13	00450		283	
14	00608	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
15	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
16	00631		0.180	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
17	00671		0.020	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
18	00681		1.8	CARBON ORGANIC DISSOLVED (MG/L AS C)
19	00915		13	CALCIUM DISSOLVED (MG/L AS Ca)
20	00925		9.7	MAGNESIUM DISSOLVED (MG/L AS Mg)
21	00930		190	SODIUM DISSOLVED (MG/L AS Na)
22	00935		1.2	POTASSIUM DISSOLVED (MG/L AS K)
23	00940		130	CHLORIDE DISSOLVED (MG/L AS Cl)
24	00945		41	SULFATE DISSOLVED (MG/L AS SO4)
25	00950		1.2	FLUORIDE DISSOLVED (MG/L AS F)
26	00955		13	SILICA DISSOLVED (MG/L AS SiO2)
27	01000		30	ARSENIC DISSOLVED (UG/L AS As)
28	01005		77	BARIUM DISSOLVED (UG/L AS Ba)
29	01010		2	BERYLLIUM DISSOLVED (UG/L AS Be)
30	01020		1900	BORON DISSOLVED (UG/L AS B)
31	01025	1	1	CADMIUM DISSOLVED (UG/L AS Cd)
32	01030		10	CHROMIUM DISSOLVED (UG/L AS Cr)
33	01035	1	3	COBALT DISSOLVED (UG/L AS Co)
34	01040	1	10	COPPER DISSOLVED (UG/L AS Cu)
35	01046	1	3	IRON DISSOLVED (UG/L AS Fe)
36	01049	1	10	LEAD DISSOLVED (UG/L AS Pb)
37	01056		2	MANGANESE DISSOLVED (UG/L AS Mn)
38	01060		20	MOLYBDENUM DISSOLVED (UG/L AS Mo)
39	01065	1	10	NICKEL DISSOLVED (UG/L AS Ni)
40	01075	1	1.0	SILVER DISSOLVED (UG/L AS Ag)
41	01080		620	STRONTIUM DISSOLVED (UG/L AS Sr)
42	01085		500	VANADIUM DISSOLVED (UG/L AS V)
43	01090	1	3	ZINC DISSOLVED (UG/L AS Zn)
44	01106	1	10	ALUMINUM DISSOLVED (UG/L AS Al)
45	01130		10	LITHIUM DISSOLVED (UG/L AS Li)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	01145		130	SELENIUM DISSOLVED (UG/L AS SE)
47	07000		0.6	TRITIUM TOTAL (PCI/L)
48	09511		0.17	RADIUM 226 DISSOLVED, RADON METHOD (PCI/L)
49	22603		4.1	URANIUM-238, WATER, DISSOLVED, (PCI/L)
50	22604		0.4	URANIUM 238, DISSOLVED, COUNTING ERROR (PCI/L)
51	22610		4.8	URANIUM-234, WATER, DISSOLVED, (PCI/L)
52	22611		0.49	URANIUM-234, WATER, DISSOLVED, COUNTING ERROR, (PCI/L)
53	22703		12	URANIUM, NATURAL, DISSOLVED (UG/L)
54	71870		1.0	BROMIDE, DISSOLVED (MG/L AS BR)
55	31366		2.0	RADIUM 228, DISSOLVED (PCI/L AS RA-228)
56	82081		-10.90	CARBON 13 / 12 RATIO
57	82092		-39.0	HYDROGEN 2 / 1 RATIO PER MIL
58	82095		-5.50	OXYGEN 18 / 16 RATIO PER MIL
59	82086		11.40	SULFUR 34 / 32 RATIO PER MIL
60	82172		4.4	CARBON 14 PERCENT MODERN
61	82303	0	350	RADON 222 TOTAL (PC/L)
62	82398		4040	SAMPLING METHOD (CODES)
63	84144		200	WELL SELECTION CRITERIA, CODE
64	84145		700	PROJECT COMPONENT, CODE
65	90095		970	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 93602166  
STATION NUMBER ----- 353241097325501  
STATION NAME ----- 12N-03W-06 AAB 1  
DATE OF COLLECTION -- 01-23-1986 1201

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		281	SAMPLING DEPTH (FEET)
2	00027		34009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		2660	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.90	PH LABORATORY (UNITS)
6	00900		1100	HARDNESS TOTAL (MG/L AS CA03)
7	00940		580	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		300	SULFATE DISSOLVED (MG/L AS S04)
9	01030		10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)



RECORD NUMBER ----- 98602167  
STATION NUMBER ----- 353241097325501  
STATION NAME ----- 12N-03W-06 AAB 1  
DATE OF COLLECTION -- 01-23-1986 1202 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		315	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00025		2830	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		8.00	PH LABORATORY (UNITS)
6	00900		1200	HARDNESS TOTAL (MG/L AS CA03)
7	00940		660	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		310	SULFATE DISSOLVED (MG/L AS S04)
9	01030		10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602168  
STATION NUMBER ----- 353241097325501  
STATION NAME ----- 12N-03W-06 AAB 1  
DATE OF COLLECTION -- 01-23-1986 1203

- -  
**PRELIMINARY DATA  
SUBJECT TO REVISION**

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		428	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1770	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		8.30	PH LABORATORY (UNITS)
6	00900		610	HARDNESS TOTAL (MG/L AS CA03)
7	00940		390	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		170	SULFATE DISSOLVED (MG/L AS S04)
9	01030	1	10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 99602169  
STATION NUMBER ----- 353241097325501  
STATION NAME ----- 12N-03W-06 A49 1  
DATE OF COLLECTION -- 01-23-1986 1204 - - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		500	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00095		944	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.90	PH LABORATORY (UNITS)
6	00900		130	HARDNESS TOTAL (MG/L AS CA03)
7	00940		170	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945	1	20	SULFATE DISSOLVED (MG/L AS S04)
9	01030		20	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 98602170  
STATION NUMBER ----- 353241097325501  
STATION NAME ----- 12N-03W-06 AAB 1  
DATE OF COLLECTION -- 01-23-1986 1205

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		640	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00025		2200	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00403		7.50	PH LABORATORY (UNITS)
6	00900		660	HARDNESS TOTAL (MG/L AS CA03)
7	00940		280	CHLORIDE DISSOLVED (MG/L AS CL)
8	00945		300	SULFATE DISSOLVED (MG/L AS S04)
9	01030	1	10	CHROMIUM DISSOLVED (UG/L AS CR)
10	01145	1	5	SELENIUM DISSOLVED (UG/L AS SE)

RECORD NUMBER ----- 94300929  
STATION NUMBER ----- 353239097325501  
STATION NAME ----- 12N-03W-06 ADD 1  
DATE OF COLLECTION -- 06-01-1943

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1630	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00410		189	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
5	00440		230	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		0	CARBONATE, WATER, WHOLE, FI
7	00613		0.045	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00915		90	CALCIUM DISSOLVED (MG/L AS Ca)
9	00925		74	MAGNESIUM DISSOLVED (MG/L AS MG)
10	00933		130	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS Na)
11	00940		330	CHLORIDE DISSOLVED (MG/L AS CL)
12	00945		150	SULFATE DISSOLVED (MG/L AS SO4)
13	01020		2000	BORON DISSOLVED (UG/L AS B)
14	70300		919	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
15	71851		0.20	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)

RECORD NUMBER ----- 98900040  
 STATION NUMBER ----- 353131097325401  
 STATION NAME ----- 12N-03W-07 DDA 1  
 DATE OF COLLECTION -- 11-02-1988 1245

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.3	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		904	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		8.6	OXYGEN DISSOLVED (MG/L)
6	00400		7.78	PH (STANDARD UNITS)
7	00410		390	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		390	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		480	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		476	
11	00603	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		0.110	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104	1	0.20	BROMOFORM TOTAL (UG/L)
21	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106		0.40	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	BENZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLOROBENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34483	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	39175	1	0.20	VINYLCHLORIDE TOTAL (UG/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82303		109	RADON 222 TOTAL (PC/L)
52	82398		4040	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98503005  
STATION NUMBER ----- 353130097325501  
STATION NAME ----- 12N-03W-07 ODA 1  
DATE OF COLLECTION -- 06-06-1985

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84001	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00403		7.50	PH LABORATORY (UNITS)
4	00410		383	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
5	00515		544	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
6	00630		1.00	NITROGEN NITRITE PLUS NITRATE TOTAL (MG/L AS N)
7	00900		170	HARDNESS TOTAL (MG/L AS CaO3)
8	00916		33	CALCIUM TOTAL RECOVERABLE (
9	00927		19	MAGNESIUM TOTAL (MG/L AS MG)
10	00940		26	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945	1	20	SULFATE DISSOLVED (MG/L AS SO4)
12	00951		0.2	FLUORIDE TOTAL (MG/L AS F)
13	01027	1	2	CADMIUM TOTAL (UG/L AS CD)
14	01034	1	10	CHROMIUM TOTAL (UG/L AS CR)
15	01042		15	COPPER TOTAL (UG/L AS CU)
16	01045	1	100	IRON TOTAL (UG/L AS FE)
17	01051	1	20	LEAD TOTAL (UG/L AS PB)
18	01055	1	20	MANGANESE TOTAL (UG/L AS MN)
19	01092		10	ZINC TOTAL (UG/L AS ZN)



RECORD NUMBER ----- 98900053  
 STATION NUMBER ----- 353109097322401  
 STATION NAME ----- 12N-03W-17 BAD 1  
 DATE OF COLLECTION -- 11-03-1988 1400

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.1	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		757	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		7.4	OXYGEN DISSOLVED (MG/L)
6	00400		7.44	PH (STANDARD UNITS)
7	00410		306	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		306	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		370	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		373	
11	00609	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		0.380	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101		25	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102		0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104		2.1	BROMOFORM TOTAL (UG/L)
21	32105		11	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106		25	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	SENEZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLOROBENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	34715	1	0.20	VINYLCHLORIDE TOTAL (UG/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82303		170	RADON 222 TOTAL (PC/L)
52	82398		4040	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98900051  
 STATION NUMBER ----- 353051097322001  
 STATION NAME ----- 12N-03W-17 CAA 1  
 DATE OF COLLECTION -- 11-03-1988 0930

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.8	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		987	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		5.2	OXYGEN DISSOLVED (MG/L)
6	00400		7.54	PH (STANDARD UNITS)
7	00410		298	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		298	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		360	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		364	
11	00608	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		1.00	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104	1	0.20	BROMOFORM TOTAL (UG/L)
21	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106	1	0.20	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	BENZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLOROBENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	39175	1	0.20	VINYLCBLORIDE TOTAL (UG/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82303		520	RADON 222 TOTAL (PC/L)
52	82398		4040	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98900065  
 STATION NUMBER ----- 353010097324601  
 STATION NAME ----- 12N-03W-20 BCS 1  
 DATE OF COLLECTION -- 11-08-1988 0945

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.7	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N)
3	00028		90020	AGENCY ANALYZING SAMPLE (CODE N)
4	00095		969	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		2.3	OXYGEN DISSOLVED (MG/L)
6	00400		7.42	PH (STANDARD UNITS)
7	00403		7.70	PH LABORATORY (UNITS)
8	00410		336	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDOPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00419		336	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
10	00440		410	BICARBONATE, WATER, WHOLE, FIXED ENDOPOINT TITRATION, FIELD,
11	00450		410	
12	00608	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
13	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
14	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
15	00631		0.310	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
16	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
17	00915		56	CALCIUM DISSOLVED (MG/L AS Ca)
18	00925		29	MAGNESIUM DISSOLVED (MG/L AS MG)
19	00930		100	SODIUM DISSOLVED (MG/L AS Na)
20	00935		2.5	POTASSIUM DISSOLVED (MG/L AS K)
21	00940		53	CHLORIDE DISSOLVED (MG/L AS CL)
22	00945		56	SULFATE DISSOLVED (MG/L AS SO4)
23	00950		0.20	FLUORIDE DISSOLVED (MG/L AS F)
24	00955		23	SILICA DISSOLVED (MG/L AS SiO2)
25	01000	1	1	ARSENIC DISSOLVED (UG/L AS AS)
26	01005		47	BARIUM DISSOLVED (UG/L AS Ba)
27	01010	1	0.5	BERYLLIUM DISSOLVED (UG/L AS BE)
28	01020		320	BORON DISSOLVED (UG/L AS B)
29	01025	1	1	CADMIUM DISSOLVED (UG/L AS CD)
30	01030		6	CHROMIUM DISSOLVED (UG/L AS CR)
31	01035	1	3	COBALT DISSOLVED (UG/L AS CO)
32	01040	1	10	COPPER DISSOLVED (UG/L AS CU)
33	01046		14	IRON DISSOLVED (UG/L AS FE)
34	01049	1	10	LEAD DISSOLVED (UG/L AS PB)
35	01056	1	1	MANGANESE DISSOLVED (UG/L AS MN)
36	01060	1	10	MOLYBDENUM DISSOLVED (UG/L AS MO)
37	01065	1	10	NICKEL DISSOLVED (UG/L AS NI)
38	01075	1	1.0	SILVER DISSOLVED (UG/L AS AG)
39	01080		960	STRONTIUM DISSOLVED (UG/L AS SR)
40	01085		8	VANADIUM DISSOLVED (UG/L AS V)
41	01090		14	ZINC DISSOLVED (UG/L AS ZN)
42	01095	1	1	ANTIMONY DISSOLVED (UG/L AS SB)
43	01105	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
44	01130		33	LITHIUM DISSOLVED (UG/L AS LI)
45	01145		8	SELENIUM DISSOLVED (UG/L AS SE)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
47	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
48	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
49	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
50	32104	1	0.20	BROMOFORM TOTAL (UG/L)
51	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
52	32106	1	0.20	CHLOROFORM TOTAL (UG/L)
53	34010	1	0.20	TOLUENE, TOTAL (UG/L)
54	34030	1	0.20	BENZENE, TOTAL (UG/L)
55	34301	1	0.20	CHLOROBENZENE TOTAL
56	34311	1	0.20	CHLOROETHANE TOTAL
57	34371	1	0.20	ETHYLBENZENE TOTAL
58	34413	1	0.20	METHYLBROMIDE TOTAL (
59	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
60	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
61	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
62	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
63	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
64	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
65	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
66	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
67	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
68	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
69	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
70	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
71	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
72	34666	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
73	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
74	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
75	39175	1	0.20	VINYLCBLORIDE TOTAL (UG/L)
76	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
77	71870		0.065	BROMIDE, DISSOLVED (MG/L AS BR)
78	71890	1	0.1	MERCURY, DISSOLVED (UG/L AS HG)
79	77123	1	0.2	STYRENE, TOTAL (UG/L)
80	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
81	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
82	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
83	82303		135	RADON 222 TOTAL (PC/L)
84	82392		4040	SAMPLING METHOD (CODES)
85	90095		971	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C
86	90410		323	ALKALINITY, TITRATION TO PH 4.5, LABORATORY (MG/L AS CaCO3)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98900054  
 STATION NUMBER ----- 353010097324601  
 STATION NAME ----- 12N-03W-20 BC8 1  
 DATE OF COLLECTION -- 11-04-1988 0945

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.7	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00045		869	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		2.3	OXYGEN DISSOLVED (MG/L)
6	00400		7.42	PH (STANDARD UNITS)
7	00410		336	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		336	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		410	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		410	
11	00605	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		0.270	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104	1	0.20	BROMOFORM TOTAL (UG/L)
21	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106	1	0.20	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	BENZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLORO BENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34483	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34505	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34560	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34663	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	39175	1	0.20	VINYLCHLORIDE TOTAL (UG/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82303		140	RADON 222 TOTAL (PC/L)
52	82398		4040	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION



WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98201752  
STATION NUMBER ----- 353253097391601  
STATION NAME ----- 12N-04W-06 AAD 1  
DATE OF COLLECTION -- 05-25-1982

PRELIMINARY DATA  
SUBJECT TO REVISION

- -

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		622	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.30	PH (STANDARD UNITS)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98201743  
STATION NUMBER ----- 353145097394701  
STATION NAME ----- 12N-04W-07 CAA 1  
DATE OF COLLECTION -- 05-25-1982 - -

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		10200	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.40	PH (STANDARD UNITS)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98602153  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1204 - -

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00003		615	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00023		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.43	PH LABORATORY (UNITS)
5	00410		250	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		350	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.050	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		28	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		120	SODIUM DISSOLVED (MG/L AS NA)
10	00940		13	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		44	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.30	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		140	ARSENIC TOTAL (UG/L AS AS)
14	01034		42	CHROMIUM TOTAL (UG/L AS CR)
15	01147		5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602155  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1206

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETEPS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		720	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.63	PH LABORATORY (UNITS)
5	00410		280	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		330	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.050	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		16	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		109	SODIUM DISSOLVED (MG/L AS Na)
10	00940		7.9	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		17	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.29	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		96	ARSENIC TOTAL (UG/L AS AS)
14	01034		67	CHROMIUM TOTAL (UG/L AS CR)
15	01147		5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602157  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 C00 1  
DATE OF COLLECTION -- 01-01-1986 1208

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		796	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.69	PH LABORATORY (UNITS)
5	00410		326	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		420	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.040	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		18	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		160	SODIUM DISSOLVED (MG/L AS Na)
10	00940		12	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		36	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.64	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		53	ARSENIC TOTAL (UG/L AS AS)
14	01034		61	CHROMIUM TOTAL (UG/L AS CR)
15	01147		17	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602154  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1205

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		650	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.62	PH LABORATORY (UNITS)
5	00410		262	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		350	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.050	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		20	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		120	SODIUM DISSOLVED (MG/L AS Na)
10	00940		9.9	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		40	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.28	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		76	ARSENIC TOTAL (UG/L AS AS)
14	01034		47	CHROMIUM TOTAL (UG/L AS CR)
15	01147		5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602156  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1207

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		760	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.67	PH LABORATORY (UNITS)
5	00410		344	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		430	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.090	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		26	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		150	SODIUM DISSOLVED (MG/L AS Na)
10	00940		13	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		37	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		1.0	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		41	ARSENIC TOTAL (UG/L AS AS)
14	01034		180	CHROMIUM TOTAL (UG/L AS CR)
15	01147		28	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602151  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1202

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		515	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.28	PH LABORATORY (UNITS)
5	00410		216	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		1100	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.060	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		470	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		180	SODIUM DISSOLVED (MG/L AS Na)
10	00940		49	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		500	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.79	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		10	ARSENIC TOTAL (UG/L AS AS)
14	01027		2	CADMIUM TOTAL (UG/L AS CD)
15	01034		24	CHROMIUM TOTAL (UG/L AS CR)
16	01147		44	SELENIUM TOTAL (UG/L AS SE)



RECORD NUMBER ----- 98602150  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1201 - -

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		450	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.08	PH LABORATORY (UNITS)
5	00410		150	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		2900	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.120	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		1400	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		330	SODIUM DISSOLVED (MG/L AS Na)
10	00940		130	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		1900	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.95	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		10	ARSENIC TOTAL (UG/L AS AS)
14	01027		2	CADMIUM TOTAL (UG/L AS CD)
15	01034		13	CHROMIUM TOTAL (UG/L AS CR)
16	01147		5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98602152  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 01-01-1986 1203

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00003		584	SAMPLING DEPTH (FEET)
2	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
4	00403		8.43	PH LABORATORY (UNITS)
5	00410		238	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00515		390	RESIDUE, TOTAL FILTERABLE, DRIED AT 105 DEGREES CENTIGRADE (M
7	00620		0.060	NITROGEN NITRATE TOTAL (MG/L AS N)
8	00900		58	HARDNESS TOTAL (MG/L AS CaO3)
9	00930		120	SODIUM DISSOLVED (MG/L AS Na)
10	00940		21	CHLORIDE DISSOLVED (MG/L AS CL)
11	00945		74	SULFATE DISSOLVED (MG/L AS SO4)
12	00950		0.34	FLUORIDE DISSOLVED (MG/L AS F)
13	01002		90	ARSENIC TOTAL (UG/L AS AS)
14	01027		2	CADMIUM TOTAL (UG/L AS CD)
15	01034		39	CHROMIUM TOTAL (UG/L AS CR)
16	01147		5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98701412  
STATION NUMBER ----- 353126097374101  
STATION NAME ----- 12N-04W-09 CDD 1  
DATE OF COLLECTION -- 05-07-1987 0830

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		9801	AGENCY COLLECTING SAMPLE (CODE N
2	00028		9801	AGENCY ANALYZING SAMPLE (CODE N
3	01002		93	ARSENIC TOTAL (UG/L AS AS)
4	01034		75	CHROMIUM TOTAL (UG/L AS CR)
5	01147		7	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 97804667  
 STATION NUMBER ----- 353133097371701  
 STATION NAME ----- 12N-04W-09 DAC 1  
 DATE OF COLLECTION -- 11-11-1977 0000

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		15.5	WATER TEMPERATURE, DEGREES
2	00020		20.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		94610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		1830	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		8.2	OXYGEN DISSOLVED (MG/L)
7	00400		7.00	PH (STANDARD UNITS)
8	00410		200	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		190	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		42	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		92	SODIUM DISSOLVED (MG/L AS Na)
13	00945		370	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		1	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		17	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		430	BORON DISSOLVED (UG/L AS B)
18	01030	1	4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		3	COPPER DISSOLVED (UG/L AS CU)
21	01046	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056		2	MANGANESE DISSOLVED (UG/L AS MN)
23	01060	1	4	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065	1	4	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		4	VANADIUM DISSOLVED (UG/L AS V)
27	01090		22	ZINC DISSOLVED (UG/L AS ZN)
28	01106		10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		21	LITHIUM DISSOLVED (UG/L AS LI)
30	01145	1	0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150		2	TITANIUM DISSOLVED (UG/L AS TI)
32	01160	1	2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01137	1	1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		2	YTTRIUM TOTAL (UG/L AS Y)
35	01239	1	4	NIOBIUM TOTAL (UG/L)
36	22703		6.8	URANIUM, NATURAL, DISSOLVED (UG/L)
37	82365		16	THORIUM DISSOLV (UG/L AS TH)

RECORD NUMBER ----- 97304385  
STATION NUMBER ----- 353127097352201  
STATION NAME ----- 12N-04W-11 DCB 1  
DATE OF COLLECTION -- 05-24-1973

PRELIMINARY DATA  
SUBJECT TO REVISION .

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00020		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1430	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00400		7.60	PH (STANDARD UNITS)
5	00410		164	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
6	00440		200	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
7	00445		0	CARBONATE, WATER, WHOLE, FI
8	00618		0.045	NITROGEN NITRATE DISSOLVED (MG/L AS N)
9	00902		74	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
10	00915		49	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		30	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		200	SODIUM DISSOLVED (MG/L AS Na)
13	00940		330	CHLORIDE DISSOLVED (MG/L AS CL)
14	00945		48	SULFATE DISSOLVED (MG/L AS SO4)
15	70300		845	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
16	71851		0.20	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
17	72008		770.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 98900060  
 STATION NUMBER ----- 353115097345501  
 STATION NAME ----- 12N-04W-13 B9B 1  
 DATE OF COLLECTION -- 11-07-1988 1230

PRELIMINARY DATA  
 - - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.8	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		3540	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		0.6	OXYGEN DISSOLVED (MG/L)
6	00400		7.48	PH (STANDARD UNITS)
7	00403		7.50	PH LABORATORY (UNITS)
8	00410		79	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00419		79	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
10	00440		96	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
11	00450		96	
12	00608		0.130	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
13	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
14	00623		0.70	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
15	00631		11.0	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
16	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
17	00915		500	CALCIUM DISSOLVED (MG/L AS Ca)
18	00925		120	MAGNESIUM DISSOLVED (MG/L AS Mg)
19	00930		300	SODIUM DISSOLVED (MG/L AS Na)
20	00935		2.4	POTASSIUM DISSOLVED (MG/L AS K)
21	00940		65	CHLORIDE DISSOLVED (MG/L AS Cl)
22	00945		2200	SULFATE DISSOLVED (MG/L AS SO4)
23	00950		0.20	FLUORIDE DISSOLVED (MG/L AS F)
24	00955		17	SILICA DISSOLVED (MG/L AS SiO2)
25	01000		7	ARSENIC DISSOLVED (UG/L AS As)
26	01005		12	BARIUM DISSOLVED (UG/L AS Ba)
27	01010	1	0.5	BERYLLIUM DISSOLVED (UG/L AS Be)
28	01020		6400	BORON DISSOLVED (UG/L AS B)
29	01025		5	CADMIUM DISSOLVED (UG/L AS Cd)
30	01030	1	5	CHROMIUM DISSOLVED (UG/L AS Cr)
31	01035	1	3	COBALT DISSOLVED (UG/L AS Co)
32	01040	1	10	COPPER DISSOLVED (UG/L AS Cu)
33	01046		20	IRON DISSOLVED (UG/L AS Fe)
34	01049		30	LEAD DISSOLVED (UG/L AS Pb)
35	01056	1	1	MANGANESE DISSOLVED (UG/L AS Mn)
36	01060		70	MOLYBDENUM DISSOLVED (UG/L AS Mo)
37	01065		10	NICKEL DISSOLVED (UG/L AS Ni)
38	01075	1	1.0	SILVER DISSOLVED (UG/L AS Ag)
39	01080		10000	STRONTIUM DISSOLVED (UG/L AS Sr)
40	01085		49	VANADIUM DISSOLVED (UG/L AS V)
41	01090		37	ZINC DISSOLVED (UG/L AS Zn)
42	01095	1	1	ANTIMONY DISSOLVED (UG/L AS Sb)
43	01106		10	ALUMINUM DISSOLVED (UG/L AS Al)
44	01130		73	LITHIUM DISSOLVED (UG/L AS Li)
45	01145		100	SELENIUM DISSOLVED (UG/L AS Se)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
47	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
48	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
49	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
50	32104	1	0.20	BROMOFORM TOTAL (UG/L)
51	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
52	32106		0.70	CHLOROFORM TOTAL (UG/L)
53	34010	1	0.20	TOLUENE, TOTAL (UG/L)
54	34030	1	0.20	BENZENE, TOTAL (UG/L)
55	34301	1	0.20	CHLOROBENZENE TOTAL
56	34311	1	0.20	CHLOROETHANE TOTAL
57	34371	1	0.20	ETHYLBENZENE TOTAL
58	34413	1	0.20	METHYLBROMIDE TOTAL (
59	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
60	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
61	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
62	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
63	34495	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
64	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
65	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
66	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
67	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
68	34538	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
69	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
70	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
71	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
72	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
73	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
74	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
75	39175	1	0.20	VINYLCBLORIDE TOTAL (UG/L)
76	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
77	71870		0.19	BROMIDE, DISSOLVED (MG/L AS BR)
78	71890		0.2	MERCURY, DISSOLVED (UG/L AS HG)
79	77128	1	0.2	STYRENE, TOTAL (UG/L)
80	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
81	77651		0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
82	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
83	82303		1300	RADON 222 TOTAL (PC/L)
84	82398		4040	SAMPLING METHOD (CODES)
85	90095		3510	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C
86	90410		80	ALKALINITY, TITRATION TO PH 4.5, LABORATORY (MG/L AS CaCO3)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98900111  
 STATION NUMBER ----- 353055097352201  
 STATION NAME ----- 12N-04W-14 ACD 1  
 DATE OF COLLECTION -- 11-23-1988 1230

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.3	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00023		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		931	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		4.2	OXYGEN DISSOLVED (MG/L)
6	00400		6.28	PH (STANDARD UNITS)
7	00410		111	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		111	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		140	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		137	
11	00608		0.020	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613		0.020	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623		1.0	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		8.40	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671		0.200	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101		0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102		0.30	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103		0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104	1	0.20	BROMOFORM TOTAL (UG/L)
21	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106		1.3	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	BENZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLOROBENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	39175	1	0.20	VINYLCHLORIDE TOTAL (UG/L)



NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82393		4040	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 94300894  
STATION NUMBER ----- 353107097381701  
STATION NAME ----- 12N-04W-14 CAB 1  
DATE OF COLLECTION -- 04-16-1943

- - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1510	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00410		205	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
5	00440		250	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		0	CARBONATE, WATER, WHOLE, FI
7	00618		0.113	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00902		130	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
9	00915		64	CALCIUM DISSOLVED (MG/L AS Ca)
10	00925		43	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00933		190	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
12	00940		280	CHLORIDE DISSOLVED (MG/L AS CL)
13	00945		150	SULFATE DISSOLVED (MG/L AS SO4)
14	00950		0.70	FLUORIDE DISSOLVED (MG/L AS F)
15	70300		979	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
16	70301		849	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
17	71851		0.50	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
18	72008		577.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 98900107  
 STATION NUMBER ----- 353841097360501  
 STATION NAME ----- 12N-04W-15 AAD 1  
 DATE OF COLLECTION -- 11-22-1988 0945

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.3	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		641	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		5.7	OXYGEN DISSOLVED (MG/L)
6	00400		7.08	PH (STANDARD UNITS)
7	00410		192	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		192	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		230	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		234	
11	00608		0.020	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623		0.80	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		7.50	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671		0.020	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104	1	0.20	BROMOFORM TOTAL (UG/L)
21	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106		0.30	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	BENZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLOROBENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34413	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34665	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	39175	1	0.20	VINYLCHLORIDE TOTAL (UG/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	61551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82396		4090	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 98900112  
 STATION NUMBER ----- 353841097360501  
 STATION NAME ----- 12N-04W-15 AAD 1  
 DATE OF COLLECTION -- 11-29-1988 0945

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.3	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		641	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		5.7	OXYGEN DISSOLVED (MG/L)
6	00400		7.08	PH (STANDARD UNITS)
7	00410		192	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		192	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		230	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		234	
11	00606	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623		0.70	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00631		7.60	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671		0.030	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
17	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
18	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
19	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
20	32104	1	0.20	BROMOFORM TOTAL (UG/L)
21	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
22	32106		0.30	CHLOROFORM TOTAL (UG/L)
23	34010	1	0.20	TOLUENE, TOTAL (UG/L)
24	34030	1	0.20	BENZENE, TOTAL (UG/L)
25	34301	1	0.20	CHLOROBENZENE TOTAL
26	34311	1	0.20	CHLOROETHANE TOTAL
27	34371	1	0.20	ETHYLBENZENE TOTAL
28	34413	1	0.20	METHYLBROMIDE TOTAL (
29	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
30	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
31	34475	1	0.20	TETRACHLOROETHYLENE TOTAL (
32	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
33	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
34	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
35	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
36	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
37	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
38	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
39	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
40	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
41	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
42	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
43	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
44	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L
45	39175	1	0.20	VINYLCHLORIDE TOTAL (UG/L)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39180	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
47	77128	1	0.2	STYRENE, TOTAL (UG/L)
48	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
49	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
50	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
51	82398		4090	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 94300893  
STATION NUMBER ----- 353104097365901  
STATION NAME ----- 12N-04W-15 BCA 1  
DATE OF COLLECTION -- 04-16-1943

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		20.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1130	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.80	PH (STANDARD UNITS)
6	00410		262	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
7	00440		320	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
8	00445		0	CARBONATE, WATER, WHOLE, FI
9	00618		0.452	NITROGEN NITRATE DISSOLVED (MG/L AS N)
10	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS CaCO3)
11	00915		39	CALCIUM DISSOLVED (MG/L AS Ca)
12	00925		12	MAGNESIUM DISSOLVED (MG/L AS MG)
13	00930		200	SODIUM DISSOLVED (MG/L AS Na)
14	00932		75	SODIUM PERCENT
15	00935		3.0	POTASSIUM DISSOLVED (MG/L AS K)
16	00940		46	CHLORIDE DISSOLVED (MG/L AS CL)
17	00945		260	SULFATE DISSOLVED (MG/L AS SO4)
18	00950		0.80	FLUORIDE DISSOLVED (MG/L AS F)
19	00955		14	SILICA DISSOLVED (MG/L AS SiO2)
20	01020		5000	BORON DISSOLVED (UG/L AS B)
21	01046		40	IRON DISSOLVED (UG/L AS FE)
22	70300		730	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
23	70301		738	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
24	71851		2.0	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)

RECORD NUMBER ----- 94200984  
STATION NUMBER ----- 353107097375601  
STATION NAME ----- 12N-04W-16 CD 1  
DATE OF COLLECTION -- 03-03-1942

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00410		107	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
4	00440		130	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
5	00618		7.68	NITROGEN NITRATE DISSOLVED (MG/L AS N)
6	00940		48	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		130	SULFATE DISSOLVED (MG/L AS SO4)
8	71851		34	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)



RECORD NUMBER ----- 95002559  
STATION NUMBER ----- 353115097393701  
STATION NAME ----- 12N-04W-18 AB 1  
DATE OF COLLECTION -- 03-21-1950

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		15.5	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1110	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00410		410	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS $\text{CaCO}_3$
6	00440		500	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
7	00445		0	CARBONATE, WATER, WHOLE, FI
8	00618		1.69	NITROGEN NITRATE DISSOLVED (MG/L AS N)
9	00902		67	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS $\text{CaCO}_3$ )
10	00915		130	CALCIUM DISSOLVED (MG/L AS $\text{Ca}$ )
11	00925		39	MAGNESIUM DISSOLVED (MG/L AS $\text{Mg}$ )
12	00933		74	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS $\text{Na}$ )
13	00940		77	CHLORIDE DISSOLVED (MG/L AS $\text{Cl}$ )
14	00945		109	SULFATE DISSOLVED (MG/L AS $\text{SO}_4$ )
15	70300		706	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
16	70301		678	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
17	71651		7.5	NITROGEN, NITRATE, DISSOLVED (MG/L AS $\text{NO}_3$ )

RECORD NUMBER ----- 96602398  
STATION NUMBER ----- 353013097395001  
STATION NAME ----- 12N-04W-19 BA 1  
DATE OF COLLECTION -- 04-23-1966

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		21.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		467	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.70	PH (STANDARD UNITS)
6	00410		180	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS $\text{CaCO}_3$
7	00440		219	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
8	00445		0	CARBONATE, WATER, WHOLE, FI
9	00618		1.65	NITROGEN NITRATE DISSOLVED (MG/L AS N)
10	00900		160	HARDNESS TOTAL (MG/L AS $\text{CaO}_3$ )
11	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS $\text{CaCO}_3$ )
12	00933		41	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
13	00940		29	CHLORIDE DISSOLVED (MG/L AS CL)
14	00945		21	SULFATE DISSOLVED (MG/L AS $\text{SO}_4$ )
15	01020		130	BORON DISSOLVED (UG/L AS B)
16	70300		270	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
17	71551		7.3	NITROGEN, NITRATE, DISSOLVED (MG/L AS $\text{NO}_3$ )

RECORD NUMBER ----- 98104827  
STATION NUMBER ----- 353013097373301  
STATION NAME ----- 12N-04W-21 ACB 1  
DATE OF COLLECTION -- 05-02-1981 1730

PRELIMINARY DATA  
SUBJECT TO REVISION

PAPAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		675	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.00	PH LABORATORY (UNITS)
5	00900	1	10	HARDNESS TOTAL (MG/L AS CA03)
6	00940	1	10	CHLORIDE DISSOLVED (MG/L AS CL)
7	00445		32	SULFATE DISSOLVED (MG/L AS SO4)
8	01034		40	CHROMIUM TOTAL (UG/L AS CR)
9	01147		9	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98503111  
STATION NUMBER ----- 353013097373301  
STATION NAME ----- 12N-04W-21 ACB 1  
DATE OF COLLECTION -- 11-13-1984

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		553	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.30	PH LABORATORY (UNITS)
5	00900		61	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		13	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		47	SULFATE DISSOLVED (MG/L AS SO4)
8	01002		85	ARSENIC TOTAL (UG/L AS AS)
9	01034		34	CHROMIUM TOTAL (UG/L AS CR)
10	01147		9	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 98701320  
 STATION NUMBER ----- 353013097373301  
 STATION NAME ----- 12N-04W-21 ACB 1  
 DATE OF COLLECTION -- 08-05-1987 1415

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		20.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		624	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		4.8	OXYGEN DISSOLVED (MG/L)
6	00400		8.74	PH (STANDARD UNITS)
7	00403		8.70	PH LABORATORY (UNITS)
8	00410		270	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CAC03
9	00419		270	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CAC03
10	00440		310	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
11	00445		12	CARBONATE, WATER, WHOLE, FI
12	00447		12	CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, MG/L AS C03
13	00450		305	
14	00608	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
15	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
16	00631		0.260	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
17	00671		0.030	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
18	00681		2.1	CARBON ORGANIC DISSOLVED (MG/L AS C)
19	00915		3.4	CALCIUM DISSOLVED (MG/L AS CA)
20	00923		2.6	MAGNESIUM DISSOLVED (MG/L AS MG)
21	00930		140	SODIUM DISSOLVED (MG/L AS NA)
22	00935		0.50	POTASSIUM DISSOLVED (MG/L AS K)
23	00940		8.9	CHLORIDE DISSOLVED (MG/L AS CL)
24	00945		55	SULFATE DISSOLVED (MG/L AS SO4)
25	00950		0.10	FLUORIDE DISSOLVED (MG/L AS F)
26	00955		12	SILICA DISSOLVED (MG/L AS SI02)
27	01000		109	ARSENIC DISSOLVED (UG/L AS AS)
28	01005		57	BARIUM DISSOLVED (UG/L AS BA)
29	01010		2	BERYLLIUM DISSOLVED (UG/L AS BE)
30	01020		1100	BORON DISSOLVED (UG/L AS B)
31	01025	1	1	CADMIUM DISSOLVED (UG/L AS CD)
32	01030		40	CHROMIUM DISSOLVED (UG/L AS CR)
33	01035	1	3	COBALT DISSOLVED (UG/L AS CO)
34	01040	1	10	COPPER DISSOLVED (UG/L AS CU)
35	01046		5	IRON DISSOLVED (UG/L AS FE)
36	01049		20	LEAD DISSOLVED (UG/L AS PB)
37	01056	1	1	MANGANESE DISSOLVED (UG/L AS MN)
38	01060	1	10	MOLYBDENUM DISSOLVED (UG/L AS MO)
39	01065	1	10	NICKEL DISSOLVED (UG/L AS NI)
40	01075	1	1.0	SILVER DISSOLVED (UG/L AS AG)
41	01080		340	STRONTIUM DISSOLVED (UG/L AS SR)
42	01085		510	VANADIUM DISSOLVED (UG/L AS V)
43	01090		9	ZINC DISSOLVED (UG/L AS ZN)
44	01106		30	ALUMINUM DISSOLVED (UG/L AS AL)
45	01130	1	4	LITHIUM DISSOLVED (UG/L AS LI)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	01145		15	SELENIUM DISSOLVED (UG/L AS SE)
47	07000	1	0.3	TRITIUM TOTAL (PCI/L)
48	09511		0.09	RADIUM 226 DISSOLVED, RADON METHOD (PCI/L)
49	22603		8.2	URANIUM-238, WATER, DISSOLVED, (PCI/L)
50	22604		1.1	URANIUM 238, DISSOLVED, COUNTING ERROR (PCI/L)
51	22610		14	URANIUM-234, WATER, DISSOLVED, (PCI/L)
52	22611		1.9	URANIUM-234, WATER, DISSOLVED, COUNTING ERROR, (PCI/L)
53	22703		25	URANIUM, NATURAL, DISSOLVED (UG/L)
54	71870		0.050	BROMIDE, DISSOLVED (MG/L AS BR)
55	81366		2.0	RADIUM 228, DISSOLVED (PCI/L AS RA-228)
56	82081		-11.00	CARBON 13 / 12 RATIO
57	82082		-40.5	HYDROGEN 2 / 1 RATIO PER MIL
58	82085		-6.80	OXYGEN 18 / 16 RATIO PER MIL
59	82086		9.90	SULFUR 34 / 32 RATIO PER MIL
60	82172		3.5	CARBON 14 PERCENT MODERN
61	82303	0	340	RADON 222 TOTAL (PC/L)
62	82398		4040	SAMPLING METHOD (CODES)
63	84144		200	WELL SELECTION CRITERIA, CODE
64	84145		700	PROJECT COMPONENT, CODE
65	90095		633	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C

PRELIMINARY DATA

SUBJECT TO REVISION

RECORD NUMBER ----- 97804656  
STATION NUMBER ----- 353010097374301  
STATION NAME ----- 12N-04W-21 BDA 1  
DATE OF COLLECTION -- 11-04-1977 1600

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	0001J		18.9	WATER TEMPERATURE, DEGREES
2	00020		22.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		740	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		8.0	OXYGEN DISSOLVED (MG/L)
7	00400		6.60	PH (STANDARD UNITS)
8	00410		120	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		58	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		19	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		54	SODIUM DISSOLVED (MG/L AS Na)
13	00945		12	SULFATE DISSOLVED (MG/L AS SO4)
14	01000	1	0	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		360	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		30	BORON DISSOLVED (UG/L AS B)
18	01030	1	4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		5	COPPER DISSOLVED (UG/L AS CU)
21	01046	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056		2	MANGANESE DISSOLVED (UG/L AS MN)
23	01060		8	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065	1	4	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085	1	4	VANADIUM DISSOLVED (UG/L AS V)
27	01090		36	ZINC DISSOLVED (UG/L AS ZN)
28	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		11	LITHIUM DISSOLVED (UG/L AS LI)
30	01145	1	0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150	1	2	TITANIUM DISSOLVED (UG/L AS TI)
32	01160	1	2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01187	1	1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203	1	1	YTRIUM TOTAL (UG/L AS Y)
35	01239	1	4	NIOBIUM TOTAL (UG/L)
36	22703	1	0.20	URANIUM, NATURAL, DISSOLVED (UG/L)
37	92365	1	10	THORIUM DISSLV (UG/L AS TH)

RECORD NUMBER ----- 98900030  
 STATION NUMBER ----- 353011097340901  
 STATION NAME ----- 12N-04W-24 ADB 1  
 DATE OF COLLECTION -- 10-31-1988 1030

PRELIMINARY DATA  
 - - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.8	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		3740	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		3.9	OXYGEN DISSOLVED (MG/L)
6	00400		6.99	PH (STANDARD UNITS)
7	00410		230	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00419		230	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
9	00440		280	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
10	00450		281	
11	00608		0.200	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
12	00613		0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
13	00623	1	0.20	NITROGEN AMMONIA PLUS ORGANIC DISSOLVED (MG/L AS N)
14	00531		2.30	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
15	00671		0.040	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
16	00681		1.6	CARBON ORGANIC DISSOLVED (MG/L AS C)
17	30217	1	0.20	DIBROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L
18	32101	1	0.20	DICHLOROBROMOMETHANE TOTAL (UG/L)
19	32102	1	0.20	CARBONTETRACHLORIDE TOTAL (UG/L)
20	32103	1	0.20	1,2-DICHLOROETHANE TOTAL (UG/L)
21	32104	1	0.20	BROMOFORM TOTAL (UG/L)
22	32105	1	0.20	CHLORODIBROMOMETHANE TOTAL (UG/L)
23	32106		0.40	CHLOROFORM TOTAL (UG/L)
24	34010	1	0.20	TOLUENE, TOTAL (UG/L)
25	34030	1	0.20	BENZENE, TOTAL (UG/L)
26	34301	1	0.20	CHLOROBENZENE TOTAL
27	34311	1	0.20	CHLOROETHANE TOTAL
28	34371	1	0.20	ETHYLBENZENE TOTAL
29	34413	1	0.20	METHYLBROMIDE TOTAL (
30	34418	1	0.20	METHYLCHLORIDE, TOTAL (UG/L)
31	34423	1	0.20	METHYLENECHLORIDE TOTAL (U
32	34475		0.70	TETRACHLOROETHYLENE TOTAL (
33	34488	1	0.20	TRICHLOROFLUOROMETHANE TOTAL
34	34496	1	0.20	1,1-DICHLOROETHANE TOTAL (UG/L)
35	34501	1	0.20	1,1-DICHLOROETHYLENE TOTAL
36	34506	1	0.20	1,1,1-TRICHLOROETHANE TOTAL (
37	34511	1	0.20	1,1,2-TRICHLOROETHANE TOT
38	34516	1	0.20	1,1,2,2-TETRACHLOROETHANE TOTAL (
39	34536	1	0.20	1,2-DICHLOROBENZENE TOTAL (UG/L)
40	34541	1	0.20	1,2-DICHLOROPROPANE TOTAL
41	34566	1	0.20	1,3-DICHLOROBENZENE TOTAL (UG/L)
42	34571	1	0.20	1,4-DICHLOROBENZENE TOTAL (UG/L)
43	34668	1	0.20	DICHLORODIFLUOROMETHANE TOTAL (UG/L)
44	34699	1	0.20	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)
45	34704	1	0.20	CIS-1,3-DICHLOROPROPENE, TOTAL (UG/L)



NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	39175	1	0.20	VINYLCHLORIDE TOTAL (UG/L)
47	39130	1	0.2	TRICHLOROETHYLENE TOTAL (UG/L)
48	77128	1	0.2	STYRENE, TOTAL (UG/L)
49	77443	1	0.20	1,2,3-TRICHLOROPROPANE, WATER, WHOLE, TOTAL, (UG/L)
50	77651	1	0.2	1,2-DIBROMOETHANE, WATER, WHOLE, TOTAL, UG/L
51	81551	1	0.2	XYLENE, TOTAL, WATER, WHOLE, TOTAL RECOVERABLE (UG/L)
52	82303		2600	RADON 222 TOTAL (PC/L)
53	82398		4040	SAMPLING METHOD (CODES)

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 97304626  
STATION NUMBER ----- 353006097345401  
STATION NAME ----- 12N-04W-24 BCC 1  
DATE OF COLLECTION -- 05-22-1973

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		671	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00400		7.70	PH (STANDARD UNITS)
5	00405		7.2	CARBON DIOXIDE DISSOLVED (MG/L AS CO2)
6	00410		189	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
7	00440		230	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
8	00445		0	CARBONATE, WATER, WHOLE, FI
9	00618		0.181	NITROGEN NITRATE DISSOLVED (MG/L AS N)
10	00900		190	HARDNESS TOTAL (MG/L AS CaO3)
11	00902		1	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
12	00915		33	CALCIUM DISSOLVED (MG/L AS Ca)
13	00925		26	MAGNESIUM DISSOLVED (MG/L AS MG)
14	00930		70	SODIUM DISSOLVED (MG/L AS NA)
15	00931		2	SODIUM ADSORPTION RATIO
16	00940		81	CHLORIDE DISSOLVED (MG/L AS CL)
17	00945		38	SULFATE DISSOLVED (MG/L AS SO4)
18	70300		375	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
19	71851		0.80	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
20	72008		760.00	DEPTH OF WELL, TOTAL (FEET)
21	90095		671	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C

RECORD NUMBER ----- 94402013  
STATION NUMBER ----- 353449097325401  
STATION NAME ----- 13N-03W-20 CCC 1  
DATE OF COLLECTION -- 04-13-1944

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1300	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00410		197	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS $\text{CaCO}_3$
6	00440		240	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
7	00445		0	CARBONATE, WATER, WHOLE, FI
8	00618		0.181	NITROGEN NITRATE DISSOLVED (MG/L AS N)
9	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS $\text{CaCO}_3$ )
10	00915		28	CALCIUM DISSOLVED (MG/L AS CA)
11	00925		19	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00933		230	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
13	00940		190	CHLORIDE DISSOLVED (MG/L AS CL)
14	00945		190	SULFATE DISSOLVED (MG/L AS $\text{SO}_4$ )
15	70300		850	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
16	71351		0.90	NITROGEN, NITRATE, DISSOLVED (MG/L AS $\text{NO}_3$ )

RECORD NUMBER ----- 94502812  
STATION NUMBER ----- 353411097320801  
STATION NAME ----- 13N-03W-29 DCA 1  
DATE OF COLLECTION -- 07-23-1945

- - PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00410		204	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
5	00440		219	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		14	CARBONATE, WATER, WHOLE, FI
7	00613		0.181	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
9	00915		18	CALCIUM DISSOLVED (MG/L AS Ca)
10	00925		18	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00933		150	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
12	00940		130	CHLORIDE DISSOLVED (MG/L AS CL)
13	00945		51	SULFATE DISSOLVED (MG/L AS SO4)
14	70300		497	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
15	71851		0.80	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)

RECORD NUMBER ----- 94402011  
 STATION NUMBER ----- 353309097335401  
 STATION NAME ----- 13N-03W-31 CCC 1  
 DATE OF COLLECTION -- 04-21-1944

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N)
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N)
4	00095		2030	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00410		226	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS $\text{CaCO}_3$
6	00440		260	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
7	00445		8	CARBONATE, WATER, WHOLE, FI
8	00618		0.203	NITROGEN NITRATE DISSOLVED (MG/L AS N)
9	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS $\text{CaCO}_3$ )
10	00915		26	CALCIUM DISSOLVED (MG/L AS CA)
11	00925		21	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00933		370	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
13	00940		460	CHLORIDE DISSOLVED (MG/L AS CL)
14	00945		86	SULFATE DISSOLVED (MG/L AS $\text{SO}_4$ )
15	01020		1500	BORON DISSOLVED (UG/L AS B)
16	71851		0.90	NITROGEN, NITRATE, DISSOLVED (MG/L AS $\text{NO}_3$ )
17	72008		800.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 98503221  
STATION NUMBER ----- 353321097332301  
STATION NAME ----- 13N-03W-31 D8C 1  
DATE OF COLLECTION -- 03-12-1985

- - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1090	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		7.90	PH LABORATORY (UNITS)
5	00900		250	HARDNESS TOTAL (MG/L AS CA03)
6	00940		230	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		70	SULFATE DISSOLVED (MG/L AS SO4)
8	01002	1	10	ARSENIC TOTAL (UG/L AS AS)
9	01034		15	CHROMIUM TOTAL (UG/L AS CR)
10	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98105025  
STATION NUMBER ----- 353308097321201  
STATION NAME ----- 13N-03W-32 DCD 1  
DATE OF COLLECTION -- 05-05-1981

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	01501		19	ALPHA TOTAL (PCI/L)
4	80049		2.0	BETA, GROSS TOTAL AS STONTIUM/YTTRIUM-90 (PCI/L)

RECORD NUMBER ----- 94300945  
STATION NUMBER ----- 353308097321201  
STATION NAME ----- 13N-03W-32 DCD 1  
DATE OF COLLECTION -- 06-01-1943

PRELIMINARY DATA  
- - SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1630	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00440		230	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
5	00445		0	CARBONATE, WATER, WHOLE, FI
6	00618		0.050	NITROGEN NITRATE DISSOLVED (MG/L AS N)
7	00902		340	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS CA CO3)
8	00915		90	CALCIUM DISSOLVED (MG/L AS CA)
9	00925		74	MAGNESIUM DISSOLVED (MG/L AS MG)
10	00933		130	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
11	00940		330	CHLORIDE DISSOLVED (MG/L AS CL)
12	00945		150	SULFATE DISSOLVED (MG/L AS SO4)
13	70300		886	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
14	71851		0.20	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)



RECORD NUMBER ----- 99105024  
STATION NUMBER ----- 353308097321201  
STATION NAME ----- 13N-03W-32 DCD 1  
DATE OF COLLECTION -- 10-07-1980 1000

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		876	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.30	PH LABORATORY (UNITS)
5	00900		14	HARDNESS TOTAL (MG/L AS CA03)
6	00940		100	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		29	SULFATE DISSOLVED (MG/L AS SO4)

RECORD NUMBER ----- 93301086  
STATION NUMBER ----- 353308097321201  
STATION NAME ----- 13N-03W-32 DCD 1  
DATE OF COLLECTION -- 04-26-1983

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00028		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00095		792	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.30	PH LABORATORY (UNITS)
5	00900		76	HARDNESS TOTAL (MG/L AS CA03)
6	00940		97	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		39	SULFATE DISSOLVED (MG/L AS S04)
8	01034		46	CHROMIUM TOTAL (UG/L AS CR)
9	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98503217  
STATION NUMBER ----- 353308097321201  
STATION NAME ----- 13N-03W-32 DCD 1  
DATE OF COLLECTION -- 03-12-1985

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		84009	AGENCY COLLECTING SAMPLE (CODE N
2	00023		84042	AGENCY ANALYZING SAMPLE (CODE N
3	00045		815	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00403		8.60	PH LABORATORY (UNITS)
5	00900		27	HARDNESS TOTAL (MG/L AS CAO3)
6	00940		86	CHLORIDE DISSOLVED (MG/L AS CL)
7	00945		37	SULFATE DISSOLVED (MG/L AS SO4)
8	01002		18	ARSENIC TOTAL (UG/L AS AS)
9	01034		40	CHROMIUM TOTAL (UG/L AS CR)
10	01147	1	5	SELENIUM TOTAL (UG/L AS SE)

RECORD NUMBER ----- 97804605  
 STATION NUMBER ----- 353728097370901  
 STATION NAME ----- 13N-04W-03 CCC 1  
 DATE OF COLLECTION -- 10-15-1977 1300

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.0	WATER TEMPERATURE, DEGREES
2	00020		15.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		950	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		2.5	OXYGEN DISSOLVED (MG/L)
7	00400		7.00	PH (STANDARD UNITS)
8	00410		144	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CAC03
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		400	CALCIUM DISSOLVED (MG/L AS CA)
11	00925		77	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		550	SODIUM DISSOLVED (MG/L AS NA)
13	00945		1600	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		4	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		18	BARIUM DISSOLVED (UG/L AS BA)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		4800	BORON DISSOLVED (UG/L AS B)
18	01030		7	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		24	COPPER DISSOLVED (UG/L AS CU)
21	01046		11	IRON DISSOLVED (UG/L AS FE)
22	01056		8	MANGANESE DISSOLVED (UG/L AS MN)
23	01060		47	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065		11	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		57	VANADIUM DISSOLVED (UG/L AS V)
27	01090		93	ZINC DISSOLVED (UG/L AS ZN)
28	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		30	LITHIUM DISSOLVED (UG/L AS LI)
30	01145		0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150		7	TITANIUM DISSOLVED (UG/L AS TI)
32	01160		4	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01187		1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		7	YTTRIUM TOTAL (UG/L AS Y)
35	01239		20	NIOSIUM TOTAL (UG/L)
36	22703		52	URANIUM, NATURAL, DISSOLVED (UG/L)
37	82365		36	THORIUM DISSLV (UG/L AS TH)

RECORD NUMBER ----- 97804661  
 STATION NUMBER ----- 353815097371701  
 STATION NAME ----- 13N-04W-04 AAA 1  
 DATE OF COLLECTION -- 11-05-1977 1400

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.4	WATER TEMPERATURE, DEGREES
2	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
3	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
4	00095		920	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		6.1	OXYGEN DISSOLVED (MG/L)
6	00400		7.20	PH (STANDARD UNITS)
7	00410		310	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
8	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
9	00915		63	CALCIUM DISSOLVED (MG/L AS Ca)
10	00925		32	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00930		99	SODIUM DISSOLVED (MG/L AS Na)
12	00945		140	SULFATE DISSOLVED (MG/L AS SO4)
13	01000		6	ARSENIC DISSOLVED (UG/L AS AS)
14	01005		35	BARIUM DISSOLVED (UG/L AS Ba)
15	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
16	01020		520	BORON DISSOLVED (UG/L AS B)
17	01030	1	4	CHROMIUM DISSOLVED (UG/L AS CR)
18	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
19	01040	1	2	COPPER DISSOLVED (UG/L AS CU)
20	01046	1	10	IRON DISSOLVED (UG/L AS FE)
21	01056	1	2	MANGANESE DISSOLVED (UG/L AS MN)
22	01060		21	MOLYBDENUM DISSOLVED (UG/L AS MO)
23	01065	1	4	NICKEL DISSOLVED (UG/L AS NI)
24	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
25	01035		28	VANADIUM DISSOLVED (UG/L AS V)
26	01090		4	ZINC DISSOLVED (UG/L AS ZN)
27	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
28	01130		6	LITHIUM DISSOLVED (UG/L AS LI)
29	01145	1	0	SELENIUM DISSOLVED (UG/L AS SE)
30	01150	1	2	TITANIUM DISSOLVED (UG/L AS TI)
31	01160	1	2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
32	01187	1	1.0	SCANDIUM DISSOLVED (UG/L AS SC)
33	01203	1	1	YTRIUM TOTAL (UG/L AS Y)
34	01239	1	4	NIObIUM TOTAL (UG/L)
35	22703		18	URANIUM, NATURAL, DISSOLVED (UG/L)
36	82355	1	10	THORIUM DISSOLV (UG/L AS TH)

RECORD NUMBER ----- 94702238  
STATION NUMBER ----- 353638097340301  
STATION NAME ----- 13N-04W-12 DDD 1  
DATE OF COLLECTION -- 03-05-1947

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00023		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		692	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00410		263	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
5	00440		270	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		25	CARBONATE, WATER, WHOLE, FI
7	00618		0.339	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
9	00915		11	CALCIUM DISSOLVED (MG/L AS Ca)
10	00925		7.0	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00933		150	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS Na)
12	00940		25	CHLORIDE DISSOLVED (MG/L AS CL)
13	00945		75	SULFATE DISSOLVED (MG/L AS SO4)
14	00950		0.20	FLUORIDE DISSOLVED (MG/L AS F)
15	70300		450	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
16	70301		422	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
17	71851		1.5	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)
18	72008		600.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 97804657  
 STATION NUMBER ----- 353606097370901  
 STATION NAME ----- 13N-04W-15 C88 1  
 DATE OF COLLECTION -- 11-11-1977 0000

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		18.0	WATER TEMPERATURE, DEGREES
2	00020		15.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		2990	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		8.5	OXYGEN DISSOLVED (MG/L)
7	00400		6.20	PH (STANDARD UNITS)
8	00410		439	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		170	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		77	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		240	SODIUM DISSOLVED (MG/L AS Na)
13	00945		410	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		1	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		24	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		1300	BORON DISSOLVED (UG/L AS B)
18	01030	1	4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		8	COPPER DISSOLVED (UG/L AS CU)
21	01045	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056		2	MANGANESE DISSOLVED (UG/L AS MN)
23	01050		28	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065	1	4	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		8	VANADIUM DISSOLVED (UG/L AS V)
27	01090		13	ZINC DISSOLVED (UG/L AS ZN)
28	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		21	LITHIUM DISSOLVED (UG/L AS LI)
30	01145		0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150		2	TITANIUM DISSOLVED (UG/L AS TI)
32	01160	1	2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01187	1	1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		2	YTTRIUM TOTAL (UG/L AS Y)
35	01239	1	4	NIObIUM TOTAL (UG/L)
36	22703		20	URANIUM, NATURAL, DISSOLVED (UG/L)
37	32365		41	THORIUM DISSOLV (UG/L AS TH)

RECORD NUMBER ----- 97804658  
 STATION NUMBER ----- 353537097390701  
 STATION NAME ----- 13N-04W-20 958 1  
 DATE OF COLLECTION -- 11-04-1977 1500 - - PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.7	WATER TEMPERATURE, DEGREES
2	00020		20.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		1900	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		8.7	OXYGEN DISSOLVED (MG/L)
7	00400		5.90	PH (STANDARD UNITS)
8	00410		252	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		330	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		49	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		270	SODIUM DISSOLVED (MG/L AS Na)
13	00945		1000	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		7	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		27	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		1500	BORON DISSOLVED (UG/L AS B)
18	01030		4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		6	COPPER DISSOLVED (UG/L AS CU)
21	01046	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056		3	MANGANESE DISSOLVED (UG/L AS MN)
23	01060		23	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065		6	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		49	VANADIUM DISSOLVED (UG/L AS V)
27	01090		60	ZINC DISSOLVED (UG/L AS ZN)
28	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		43	LITHIUM DISSOLVED (UG/L AS LI)
30	01145	1	0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150		4	TITANIUM DISSOLVED (UG/L AS TI)
32	01160		3	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01197		1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		5	YTRIUM TOTAL (UG/L AS Y)
35	01239		20	NIOBIUM TOTAL (UG/L)
36	22703		24	URANIUM, NATURAL, DISSOLVED (UG/L)
37	82365		36	THORIUM DISSLV (UG/L AS TH)



RECORD NUMBER ----- 97503928  
STATION NUMBER ----- 353525097361101  
STATION NAME ----- 13N-04W-22 ADA 1  
DATE OF COLLECTION -- 11-15-1974

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
3	00095		1140	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00400		7.80	PH (STANDARD UNITS)
5	00410		238	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS $\text{CaCO}_3$
6	00440		290	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
7	00631		0.180	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
8	00902		37	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS $\text{CaCO}_3$ )
9	00915		68	CALCIUM DISSOLVED (MG/L AS CA)
10	00925		26	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00933		200	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
12	00940		12	CHLORIDE DISSOLVED (MG/L AS CL)
13	00945		360	SULFATE DISSOLVED (MG/L AS $\text{SO}_4$ )
14	70300		786	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
15	72008		465.00	DEPTH OF WELL, TOTAL (FEET)

RECORD NUMBER ----- 97004245  
STATION NUMBER ----- 353437097342701  
STATION NAME ----- 13N-04W-25 ABC 1  
DATE OF COLLECTION -- 08-24-1970

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		13.5	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		4200	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.70	PH (STANDARD UNITS)
6	00410		139	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CAC03
7	00440		170	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
8	00445		0	CARBONATE, WATER, WHOLE, FI
9	00618		0.361	NITROGEN NITRATE DISSOLVED (MG/L AS N)
10	00900		660	HARDNESS TOTAL (MG/L AS CA03)
11	00902		520	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS CA C03)
12	00930		790	SODIUM DISSOLVED (MG/L AS NA)
13	00940		240	CHLORIDE DISSOLVED (MG/L AS CL)
14	00945		1800	SULFATE DISSOLVED (MG/L AS S04)
15	01020		2300	BORON DISSOLVED (UG/L AS B)
16	70301		3240	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
17	71851		1.6	NITROGEN, NITRATE, DISSOLVED (MG/L AS N03)
18	72008		230.00	DEPTH OF WELL, TOTAL (FEET)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY

RECORD NUMBER ----- 98701352  
STATION NUMBER ----- 353411097374501  
STATION NAME ----- 13N-04W-28 CAD 1  
DATE OF COLLECTION -- 09-02-1987 1001

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00023		20020	AGENCY ANALYZING SAMPLE (CODE N
3	01030		40	CHROMIUM DISSOLVED (UG/L AS CR)
4	82328		4040	SAMPLING METHOD (CODES)
5	84144		200	WELL SELECTION CRITERIA, CODE
6	84145		700	PROJECT COMPONENT, CODE

RECORD NUMBER ----- 98701351  
 STATION NUMBER ----- 353411097374501  
 STATION NAME ----- 13N-04W-28 CAD 1  
 DATE OF COLLECTION -- 09-02-1987 1000

PRELIMINARY DATA  
 SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		19.3	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00028		80020	AGENCY ANALYZING SAMPLE (CODE N
4	00095		1230	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00300		5.7	OXYGEN DISSOLVED (MG/L)
6	00400		7.53	PH (STANDARD UNITS)
7	00403		7.70	PH LABORATORY (UNITS)
8	00410		236	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00419		236	ALKALINITY, WATER, WHOLE, TOTAL, INCREMENTAL TITRATION, FIELD, MG/L AS CaCO3
10	00440		290	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
11	00445		0	CARBONATE, WATER, WHOLE, FI
12	00447		0	CARBONATE, WATER, WHOLE, INCREMENTAL TITRATION, FIELD, MG/L AS CO3
13	00450		288	
14	00608	1	0.010	NITROGEN AMMONIA DISSOLVED (MG/L AS N)
15	00613	1	0.010	NITROGEN, NITRITE, DISSOLVED, MG/L AS N
16	00631		0.210	NITROGEN NITRITE PLUS NITRATE DISSOLVED (MG/L AS N)
17	00671	1	0.010	PHOSPHOROUS ORTHOPHOSPHATE DISSOLVED (MG/L AS P)
18	00681		0.5	CARBON ORGANIC DISSOLVED (MG/L AS C)
19	00915		83	CALCIUM DISSOLVED (MG/L AS Ca)
20	00925		29	MAGNESIUM DISSOLVED (MG/L AS MG)
21	00930		160	SODIUM DISSOLVED (MG/L AS Na)
22	00935		1.2	POTASSIUM DISSOLVED (MG/L AS K)
23	00940		9.2	CHLORIDE DISSOLVED (MG/L AS CL)
24	00945		420	SULFATE DISSOLVED (MG/L AS SO4)
25	00950		0.70	FLUORIDE DISSOLVED (MG/L AS F)
26	00955		16	SILICA DISSOLVED (MG/L AS SiO2)
27	01000		21	ARSENIC DISSOLVED (UG/L AS AS)
28	01005		17	BARIUM DISSOLVED (UG/L AS BA)
29	01010		2	BERYLLIUM DISSOLVED (UG/L AS BE)
30	01020		1500	BORON DISSOLVED (UG/L AS B)
31	01025	1	1	CADMIUM DISSOLVED (UG/L AS CD)
32	01030		50	CHROMIUM DISSOLVED (UG/L AS CR)
33	01035	1	3	COBALT DISSOLVED (UG/L AS CO)
34	01040	1	10	COPPER DISSOLVED (UG/L AS CU)
35	01046		14	IRON DISSOLVED (UG/L AS FE)
36	01049	1	10	LEAD DISSOLVED (UG/L AS PB)
37	01056	1	1	MANGANESE DISSOLVED (UG/L AS MN)
38	01060		10	MOLYBDENUM DISSOLVED (UG/L AS MO)
39	01065	1	10	NICKEL DISSOLVED (UG/L AS NI)
40	01075	1	1.0	SILVER DISSOLVED (UG/L AS AG)
41	01080		1900	STRONTIUM DISSOLVED (UG/L AS SR)
42	01085		190	VANADIUM DISSOLVED (UG/L AS V)
43	01090	1	3	ZINC DISSOLVED (UG/L AS ZN)
44	01106	1	10	ALUMINUM DISSOLVED (UG/L AS AL)
45	01130		16	LITHIUM DISSOLVED (UG/L AS LI)

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
46	01145		63	SELENIUM DISSOLVED (UG/L AS SE)
47	07000		0.3	TRITIUM TOTAL (PCI/L)
48	09511		0.10	RADIUM 226 DISSOLVED, RADON METHOD (PCI/L)
49	22603		31	URANIUM-238, WATER, DISSOLVED, (PCI/L)
50	22604		3.1	URANIUM 238, DISSOLVED, COUNTING ERROR (PCI/L)
51	22610		43	URANIUM-234, WATER, DISSOLVED, (PCI/L)
52	22611		4.3	URANIUM-234, WATER, DISSOLVED, COUNTING ERROR, (PCI/L)
53	22703		92	URANIUM, NATURAL, DISSOLVED (UG/L)
54	71870		0.030	BROMIDE, DISSOLVED (MG/L AS BR)
55	81366	1	2.0	RADIUM 228, DISSOLVED (PCI/L AS RA-228)
56	82081		-10.50	CARBON 13 / 12 RATIO
57	82032		-44.0	HYDROGEN 2 / 1 RATIO PER MIL
58	82085		-7.05	OXYGEN 18 / 16 RATIO PER MIL
59	82086		10.30	SULFUR 34 / 32 RATIO PER MIL
60	82172		0.71	CARBON 14 PERCENT MODERN
61	82303	0	250	RADON 222 TOTAL (PC/L)
62	82393		4040	SAMPLING METHOD (CODES)
63	84144		200	WELL SELECTION CRITERIA, CODE
64	84145		700	PROJECT COMPONENT, CODE
65	90095		1280	SPECIFIC CONDUCTANCE MICROSIEMENS/CM AT 25 DEG C

PRELIMINARY DATA  
SUBJECT TO REVISION

RECORD NUMBER ----- 97004280  
STATION NUMBER ----- 353941097322201  
STATION NAME ----- 14N-03W-29 ACC 1  
DATE OF COLLECTION -- 08-24-1970

PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		13.0	WATER TEMPERATURE, DEGREES
2	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
3	00023		1028	AGENCY ANALYZING SAMPLE (CODE N
4	00095		4200	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
5	00400		7.70	PH (STANDARD UNITS)
6	00410		139	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
7	00440		170	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
8	00445		0	CARBONATE, WATER, WHOLE, FI
9	00618		0.361	NITROGEN NITRATE DISSOLVED (MG/L AS N)
10	00900		660	HARDNESS TOTAL (MG/L AS CaCO3)
11	00902		520	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS Ca CO3)
12	00930		790	SODIUM DISSOLVED (MG/L AS Na)
13	00940		240	CHLORIDE DISSOLVED (MG/L AS CL)
14	00945		1800	SULFATE DISSOLVED (MG/L AS SO4)
15	01020		2300	BORON DISSOLVED (UG/L AS B)
16	70300		3240	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
17	71851		1.6	NITROGEN, NITRATE, DISSOLVED (MG/L AS NO3)

WATER QUALITY ANALYSIS - FRI, JAN 06 1989  
 DATA RETRIEVED BY SCOTT CHRISTENSON, US GEOLOGICAL SURVEY, OKLAHOMA CITY  
 PRELIMINARY DATA  
 SUBJECT TO REVISION

RECORD NUMBER ----- 94300919  
 STATION NUMBER ----- 353921097334401  
 STATION NAME ----- 14N-03W-31 88A 1  
 DATE OF COLLECTION -- 04-15-1943

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00027		1028	AGENCY COLLECTING SAMPLE (CODE N
2	00028		1023	AGENCY ANALYZING SAMPLE (CODE N
3	00095		625	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
4	00410		278	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CAC03
5	00440		290	BICARBONATE, WATER, WHOLE, FIXED ENDPOINT TITRATION, FIELD,
6	00445		24	CARBONATE, WATER, WHOLE, FI
7	00615		0.045	NITROGEN NITRATE DISSOLVED (MG/L AS N)
8	00902		0	NONCARBONATE HARDNESS WATER WHOLE TOTAL, FIELD, (MG/L AS CA C03)
9	00915		8.0	CALCIUM DISSOLVED (MG/L AS CA)
10	00925		2.6	MAGNESIUM DISSOLVED (MG/L AS MG)
11	00933		150	SODIUM PLUS POTASSIUM DISSOLVED (MG/L AS NA)
12	00940		6.0	CHLORIDE DISSOLVED (MG/L AS CL)
13	00945		58	SULFATE DISSOLVED (MG/L AS S04)
14	70300		405	SOLIDS, RESIDUE ON EVAPORATION AT 180 DEG C, DISSOLVED (MG/L)
15	70301		388	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
16	71851		0.20	NITROGEN, NITRATE, DISSOLVED (MG/L AS N03)

RECORD NUMBER ----- 97804653  
STATION NUMBER ----- 353859097381901  
STATION NAME ----- 14N-04W-32 AAD 1  
DATE OF COLLECTION -- 10-29-1977 1700

- - PRELIMINARY DATA  
SUBJECT TO REVISION

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE	REMARK	VALUE.....	DESCRIPTION.....
1	00010		22.2	WATER TEMPERATURE, DEGREES
2	00020		26.7	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		2320	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		7.5	OXYGEN DISSOLVED (MG/L)
7	00400		7.20	PH (STANDARD UNITS)
8	00410		320	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		150	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		72	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		190	SODIUM DISSOLVED (MG/L AS Na)
13	00945		420	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		3	ARSENIC DISSOLVED (UG/L AS AS)
15	01005		48	BARIUM DISSOLVED (UG/L AS Ba)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		1100	BORON DISSOLVED (UG/L AS B)
18	01030	1	4	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040	1	2	COPPER DISSOLVED (UG/L AS CU)
21	01046	1	10	IRON DISSOLVED (UG/L AS FE)
22	01056		3	MANGANESE DISSOLVED (UG/L AS MN)
23	01060		7	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065	1	4	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		21	VANADIUM DISSOLVED (UG/L AS V)
27	01090	1	4	ZINC DISSOLVED (UG/L AS ZN)
28	01106		10	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		10	LITHIUM DISSOLVED (UG/L AS LI)
30	01145		0	SELENIUM DISSOLVED (UG/L AS SE)
31	01150	1	2	TITANIUM DISSOLVED (UG/L AS TI)
32	01160	1	2	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01187	1	1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		2	YTRIUM TOTAL (UG/L AS Y)
35	01239		30	NIObIUM TOTAL (UG/L)
36	22703		20	URANIUM, NATURAL, DISSOLVED (UG/L)
37	32365		25	THORIUM DISSOLV (UG/L AS TH)



RECORD NUMBER ----- 97804616  
 STATION NUMBER ----- 353907097345901  
 STATION NAME ----- 14N-04W-36 BBS 1  
 DATE OF COLLECTION -- 10-15-1977 1100

PRELIMINARY DATA  
 SUBJECT TO REVISION  
 - -

PARAMETERS INCLUDED IN THIS RECORD ARE--

NO.	CODE.	REMARK	VALUE.....	DESCRIPTION.....
1	00010		17.1	WATER TEMPERATURE, DEGREES
2	00020		17.0	TEMPERATURE, AIR, DEGREES
3	00027		84610	AGENCY COLLECTING SAMPLE (CODE N
4	00028		84610	AGENCY ANALYZING SAMPLE (CODE N
5	00095		437	SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CENTIGR
6	00300		3.2	OXYGEN DISSOLVED (MG/L)
7	00400		5.90	PH (STANDARD UNITS)
8	00410		116	ALKALINITY, WATER, WHOLE, TOTAL, FIXED ENDPOINT TITRATION, FIELD, MG/L AS CaCO3
9	00666	1	40.0	PHOSPHOROUS DISSOLVED (MG/L AS P)
10	00915		480	CALCIUM DISSOLVED (MG/L AS Ca)
11	00925		170	MAGNESIUM DISSOLVED (MG/L AS MG)
12	00930		280	SODIUM DISSOLVED (MG/L AS Na)
13	00945		1300	SULFATE DISSOLVED (MG/L AS SO4)
14	01000		0	ARSENIC DISSOLVED (UG/L AS AS)
15	01005	1	2	BARIUM DISSOLVED (UG/L AS BA)
16	01010	1	1	BERYLLIUM DISSOLVED (UG/L AS BE)
17	01020		5200	BORON DISSOLVED (UG/L AS B)
18	01030		10	CHROMIUM DISSOLVED (UG/L AS CR)
19	01035	1	2	COBALT DISSOLVED (UG/L AS CO)
20	01040		4	COPPER DISSOLVED (UG/L AS CU)
21	01046		15	IRON DISSOLVED (UG/L AS FE)
22	01056		6	MANGANESE DISSOLVED (UG/L AS MN)
23	01060		20	MOLYBDENUM DISSOLVED (UG/L AS MO)
24	01065		22	NICKEL DISSOLVED (UG/L AS NI)
25	01075	1	2.0	SILVER DISSOLVED (UG/L AS AG)
26	01085		24	VANADIUM DISSOLVED (UG/L AS V)
27	01090	1	4	ZINC DISSOLVED (UG/L AS ZN)
28	01106		40	ALUMINUM DISSOLVED (UG/L AS AL)
29	01130		66	LITHIUM DISSOLVED (UG/L AS LI)
30	01145		8	SELENIUM DISSOLVED (UG/L AS SE)
31	01150		8	TITANIUM DISSOLVED (UG/L AS TI)
32	01160		5	ZIRCONIUM DISSOLVED (UG/L AS ZR)
33	01187		1.0	SCANDIUM DISSOLVED (UG/L AS SC)
34	01203		6	YTTRIUM TOTAL (UG/L AS Y)
35	01239		20	NIOBIUM TOTAL (UG/L)
36	22703		83	URANIUM, NATURAL, DISSOLVED (UG/L)
37	82365	1	10	THORIUM DISSOLV (UG/L AS TH)

PRELIMINARY DATA  
 SUBJECT TO REVISION

**Attachment E**

**Stratigraphy and Geology of the  
Silver Lake Wells**

**RECORD OF  
COMMUNICATION**

☒ XXX

Phone Call

☐ Discussion

☐ Field  
Trip

☐ Conference

☐ Other (Specify)

TO: Jim Hicks  
Community of Silver Lake  
Water Supply  
Oklahoma City, OK  
405-721-5036

FROM: <sup>Heather Schijf</sup>  
Heather Schijf

ICF Technology  
FIT Biologist  
214-744-1641

DATE:

11-15-88

TIME: 4:15 pm

SUBJECT: Community of Silver Lake wells

**SUMMARY OF COMMUNICATION:**

I called Mr. Hicks to see if he had copies of drillers well logs for the Silver Lake wells. He said that he did not have the actual well logs, but did have a handwritten list of the layers present. Mr. Hicks said that the drillers were dead and that he could not get a copy of the well logs when he tried a few years ago. Mr. Hicks did not say who developed the list of layers. The list is as follows: 0-3 ft.-top soil; 3-18 ft.-red shale; 18-25 ft.-sandy shale; 25-65 ft.-red sediment; 65-75 ft.-sandy shalewater; 75-180 ft.-red bed; 180-205 ft.-sandy shale; 205-267 ft.-red bed; 267-330 ft.-sandy shale; 330-340 ft.-water sand; 340-435 ft.-red bed; 435-460 ft.-water sand; 460-470 ft.-red bed; 470-490 ft.-water sand; 490-520 ft.-red bed; 520-570 ft.-water sand; 570-585 ft.-red bed; 585-635 ft.-water sand; 635 ft.-red bed. I asked Mr. Hicks if the water was treated before distribution, he said that it was not. The groundwater was mixed with the city water to dilute the high selenium and chromium, then distributed.

INFORMATION COPIES TO:

**RECORD OF  
COMMUNICATION**

☒ XXX

Phone Call

☐

Discussion

☐

Field  
Trip

☐

Conference

☐

Other (Specify)

TO: Bob Thomas  
Hydrogeologist  
Groundwater Division  
OK Water Resources Board  
405-271-2575

FROM: <sup>Heather Schijf</sup>  
Heather Schijf

ICF Technology  
FIT Biologist  
214-744-1641

DATE: 10-21-88

TIME: 1:00 pm

SUBJECT: Groundwater below the Wiley Post Airport

**SUMMARY OF COMMUNICATION:**

I called to ask Mr. Thomas if the Hennessey shale acted as a confining layer. He said that it did but it was a confining layer to the Garber - Wellington Aquifer. He proceeded to explain the usable water layers. The following is a summary of that explanation. He said that the majority of the water for private and municipal wells for the immediate vicinity of the Wiley Post Airport is obtained from the terrace deposits which lay above the alluvial deposits. The alluvial deposits lay above the Garber-Wellington Aquifer. There is not a distinct separating layer between the terrace deposits and the alluvium. The Hennessey shale is interspersed in this area just above the Garber-Wellington Aquifer. In this area, the Garber-Wellington Aquifer consists of interspersed layers of sandstone and clay. Because of this it is hit or miss in obtaining water from the Garber-Wellington Aquifer. A confining layer is not present between the surface and the terrace deposits and alluvium. Recharge for these water bearing units (terrace/alluvium) is from surface percolation of precipitation and is therefore the cleanest source of drinking water. Mr. Thomas said that the deeper the water is obtained, the worse the water quality is.

**CONCLUSIONS, ACTION TAKEN OR REQUIRED:**

**INFORMATION COPIES TO:**

EPA FORM 1300-6 (7-72)

Replaces EPA HQ Form 5300-3 Which May Be Used Until Supply is Exhausted.

**Attachment F**

**Location of Silver Lake Municipal Wells**

**RECORD OF  
COMMUNICATION**

☒

Phone Call

☐

Discussion

☐

Field  
Trip

☐

Conference

☐

Other (Specify)

TO: Mrs. Jim Hicks

Community of  
Silver Lake  
405-721-5036

FROM: <sup>Heather Schijf</sup>  
Heather Schijf

ICF - FIT  
214-744-1641

DATE:

1-6-89

TIME: 2:50 pm

SUBJECT: Location of Silver Lake Municipal Wells

**SUMMARY OF COMMUNICATION:**

I asked Mrs. Hicks what street the municipal wells for Silver Lake are located on. Mrs. Hicks said that the wells are located on Harbor Drive and that there is no street address.

INFORMATION COPIES TO:

**Attachment G**

**Receipt for Samples  
Chain of Custody**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI

1201 ELM STREET  
DALLAS, TEXAS 75270

11-7-88

(Date)

RECEIPT FOR SAMPLES

NAME AND TITLE OF EPA REPRESENTATIVE:

Ross Pitre

FT 2nd  
Miss (Signature)

SAMPLES COLLECTED:

<u>SAMPLE NUMBER</u>	<u>TIME</u>	<u>PLACE COLLECTED</u>	<u>TYPE</u>	<u>VOLUME</u>	<u>SPLIT SAMPLE</u>	
					<u>REQUESTED</u>	<u>PROVIDED</u>
1	12:00 11:44	North Silver Lake Well	W	~18.25 liters		
2	11:04 11:10	South Silver Lake Well	W	~7.20 liters		
2d	11:10 11:20	South Silver Lake Well	W	~7.20 liters		

ACKNOWLEDGEMENT OF FACILITY REPRESENTATIVE

The undersigned acknowledges that the samples described above have been collected.

NAME, TITLE AND ADDRESS OF FACILITY REPRESENTATIVE:

James W. Ficks  
(Signature)

11-7-88

(Date)

DISTRIBUTION:

One copy facility representative  
One copy for inspector's records  
Original to Regional Office



[illegible]

Bottle Lot #'s H8216134, B8243114, L8228024

6-05593

## INOGANICS

Bottle Lot No.s C8075044, L8228024

6-05597

# ORGANICS

Bottle Lot No.s, H8216134, B8243114, L8228024  
B8243214

**6-05598**

**Attachment H**

**November 1988 Sample Results**

DATA QUALITY ASSURANCE REVIEW

SITE NAME AIR CENTER Oklahoma City, OK

SITE CODE OKD980750319

PAN IOK0270SDF

CASE NUMBER 9TFAFB05

LABORATORY EPA HOUSTON LAB

SAMPLE NUMBERS

9TFAFB05-1

9TFAFB05-2

9TFAFB05-3

9TFAFB05-4

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REVIEWER Victor Cason, ICF Technology

DATA EVALUATION

SITE NAME Air Center PAGE 1 of 1

This package consists of four water samples analyzed for full RAS TCL and full RAS TAL using low concentration protocols. The data is complete.

## INORGANIC ANALYSIS SUMMARY FOR WATER

SITE NAME AND NUMBER: AIR CENTER OKD98070319  
CASE NUMBER: 9TFAFB05 PAGE 1 OF 1  
CONCENTRATIONS IN PARTS PER BILLION (PPB)

TRAFFIC REPORT NUMBER AND STATION LOCATION.

		DRINKING WATER CRITERIA	1 STATION #1 NORTH SILVER LAKE WELL	2 STATION #2 SOUTH SILVER LAKE WELL	3 STATION #2D SOUTH SILVER LAKE WELL	4 STATION #3 TRIP BLANK
		P - PRIMARY S - SECONDARY				
	MATRIX		WATER	WATER	WATER	WATER
	% MOISTURE		100	100	100	100
	CAS NO.					0
ALUMINUM	7429-90-5		100U	100U	100U	100U
ANTIMONY	7440-36-0		60U	60U	60U	60U
ARSENIC	7440-38-2	50P	51.800	16.100	16.100	4.600U
BARIUM	7440-39-3	1000P	134	20	18	10U
BERYLLIUM	7440-41-7		5U	5U	5U	5U
CADMIUM	7440-43-9	10P	5U	5U	5U	5U
CALCIUM	7440-70-2		3660	84300	80900	150U
CHROMIUM	7440-47-3	50P	57	60	53	10U
COBALT	7440-48-4		20U	20U	20U	20U
COPPER	7440-50-8	1000S	20U	20U	20U	20U
IRON	7439-89-6	300S	85	40	33	25U
LEAD	7439-92-1	50P	30U	30U	30U	30U
MAGNESIUM	7439-95-4		1600	30100	29000	150U
MANGANESE	7439-96-5	50S	5U	6	18	5U
MERCURY	7439-97-6	2P	0.200U	0.200U	0.200U	0.200U
NICKEL	7440-02-0		20U	20U	20U	20U
POTASSIUM	7440-09-7		1000U	1000U	1000U	1000U
SELENIUM	7782-49-2	10P	11.700	48.900	50.500	4.800U
SILVER	7440-22-4	50P	10U	10U	10U	10U
SODIUM	7440-23-5		125000	163000	158000	500U
THALLIUM	7440-28-0		3.800U	3.800U	3.800U	3.800U
TIN	7440-31-5		0	0	0	0
VANADIUM	7440-62-2		527	198	196	30U
ZINC	7440-66-6	5000S	36	54	48	5U
CYANIDE			290	20U	50	20U
HARDNESS			16000	334000	321000	5000U
ALKALINITY			252000	228000	233000	5000U

R - DATA IS UNUSABLE DUE TO RA/RG OUT OF CONTROL LIMITS.

J - REPORTED CONCENTRATIONS OR DETECTION LIMITS ARE ESTIMATES DUE TO GA/GC OUT OF CONTROL LIMITS.

B - CONCENTRATION IN SAMPLE ATTRIBUTABLE TO BLANK CONTAMINATION.

U - NOT DETECTED; VALUE REPORTED IS THE DETECTION LIMIT.

VOA - VOLATILE ABN - ACID/BASE/NEUTRAL PES - PESTICIDE/PCB  
 1 - TARGET COMPOUND LIST COMPOUND (TCL) 2 - TENTATIVELY IDENTIFIED COMPOUND (TIC)  
 J - ESTIMATED CONCENTRATION (TIC, TCL LESS THAN CRL, OR TCL WITH OA/OC OUT OF CONTROL LIMITS) C - MS CONFIRMATION  
 R - DATA FOR ANALYTE IS UNUSABLE B - ANALYTE DETECTED AT COMPARABLE CONCENTRATION IN ASSOCIATED BLANK



**Attachment I**

**Photographs**

**Air Center Inc.**

**Oklahoma City, OK**

OKD980750319

F-6-8810-10

**Photographer:** Heather Schijf *Heather Schijf*  
**Witness:** Chriss Pitre *Chriss Pitre*

**Date:** 11-7-88

**Time:** 1025 hrs

**Direction:** Facing north.

(This photograph matches negative number 1)



**Comments:**

This photograph shows the tap on the South Silver Lake well from which sample 2 and 2d were collected.

Photograph Number 1

**Air Center Inc.**

**Oklahoma City, OK**

OKD980750319

F-6-8810-10

**Photographer:** Heather Schijf *Heather Schijf*  
**Witness:** Chriss Pitre *Chriss Pitre*

**Date:** 11-7-88

**Time:** 1041 hrs

**Direction:** Facing east.

(This photograph matches negative number 3)



**Comments:**

This photograph shows the Silver Lake water tower which holds the combined groundwater and Oklahoma City water.

Photograph Number 2



**Air Center Inc.**

**Oklahoma City, OK**

**OKD980750319**

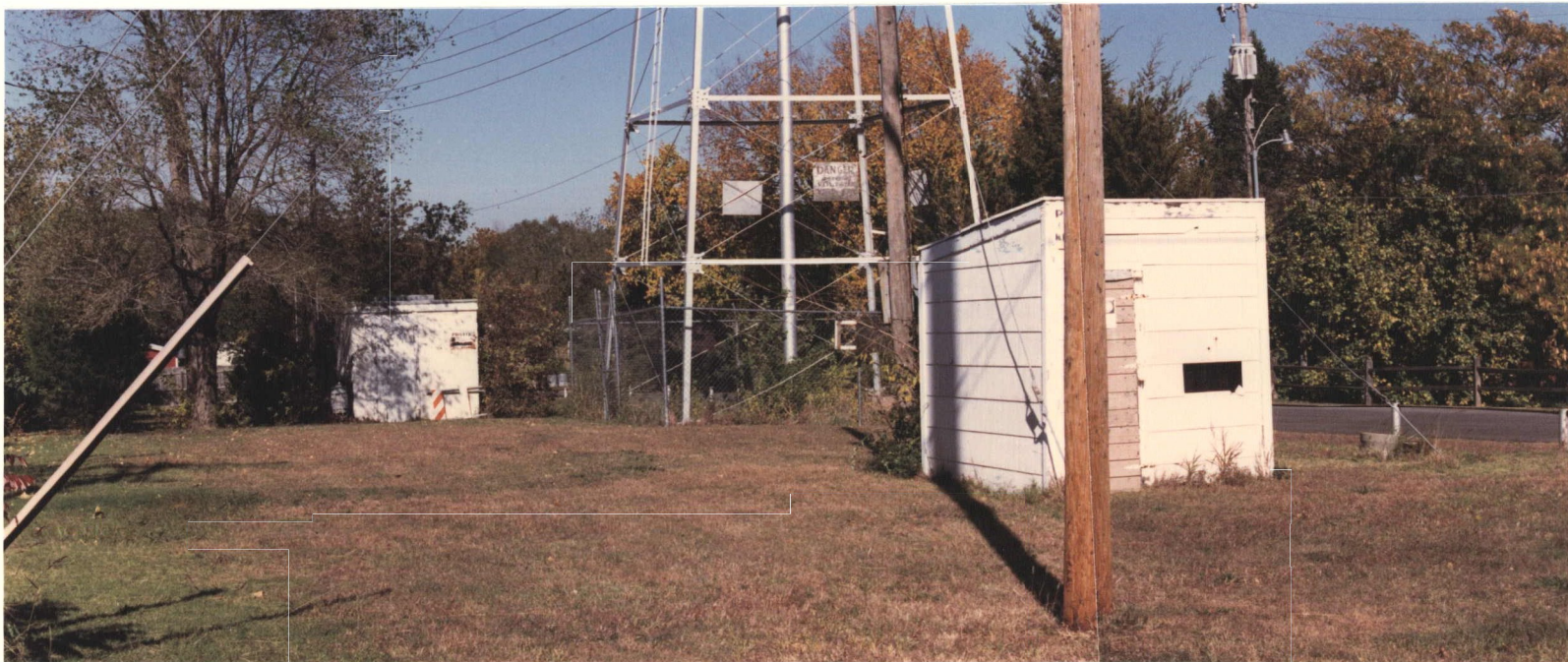
**F-6-8810-10**

**Photographer:** Heather Schijf *Heather Schijf*  
**Witness:** Chriss Pitre *Chriss Pitre*

**Date:** 11-7-88 **Time:** 1115 hrs

**Direction:** Facing north.

(This photograph matches negative number 8 and 9)



**Comments:**

This photograph is a panoramic of the north and south Silver Lake well houses and the base of the water tower. The south well is in the foreground and the north well is in the background.

Photograph Number 3

1509 Main Street, Suite 900  
Dallas, Texas  
75201-4809

**ICF TECHNOLOGY  
INCORPORATED**



Negatives for photographs for the  
Air Center Inc. site located in OKC, OK.  
CERCLIS # OKD980750319  
TDD # F-6-8810-10